

Mehr als 1400 Symbole  
Schöner als je zuvor



# November<sup>®</sup> 2

music font  
version 2.3

SMuFL-konform

Erweiterte Unterstützung in Finale, Dorico, Sibelius & LilyPond

Eine Einführung

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**KLEMM**  
MUSIC TECHNOLOGY  
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# Vorwort

## Willkommen zu November 2!

November wird seit Jahren von Musikern, Verlegern und Notensetzern als einer der schönsten und lebhaftesten Musikzeichensätze für Notationsprogramme gepriesen.

Für die Anwendung in Programmen wie Finale, Dorico, Sibelius oder LilyPond enthält November 2 nun eine erstaunliche Anzahl von Symbolen. Von den üblichen Zeichen für Notenköpfe, Schlüssel und Pausen bis zu selteneren Zeichen, wie mikrotonalen Vorzeichen, Spezialtechniken, alten Schlüsseln oder barocken Verzierungen, geeignet für Musik der Renaissance<sup>1</sup> bis zur heutigen Avant-Garde.

Mit Blick auf alle Details, die genauso wichtig sind wie das Ganze, wurde November 2 mit viel Sorgfalt gestaltet.

November 2, inspiriert von der Kunst des traditionellen Notensatzes, erfüllt auch die Anforderungen der neuesten Technologien.

Egal mit welcher Periode der Musikgeschichte Sie sich beschäftigen, mit November 2 werden Ihre Noten so schön und lebendig wie nie zuvor aussehen.

## Was ist neu in November 2?

Es wurden 1000 neue Symbole hinzugefügt, so dass nun mehr als **1400** unterschiedliche Zeichen enthalten sind. Aber es geht hier nicht nur um Quantität: die Glyphen wurden sorgfältig auf Details und Konsistenz geprüft - Schönheit macht keine Kompromisse.

Schließlich ist November 2 der *erste kommerzielle Zeichensatz*<sup>2</sup>, der dem SMuFL-Standard entspricht. **SMuFL**- **S**tandard **M**usic **F**ont **L**ayout - ist die Zukunft für Notationszeichensätze, initialisiert von Steinberg Media Technologies und basierend auf [Unicode](#).

Technisch betrachtet besteht November 2 aus PostScript-Konturen, die in das plattformunabhängige, universelle [Open Type Format](#) verpackt sind.

Das Paket November 2 enthält erweiterte Unterstützung für [Finale](#), [Dorico](#), [Sibelius](#) & [LilyPond](#) und wird mit nützlichen Extras und umfangreichen Metadaten ausgeliefert.

Sehen Sie sich unsere „[Partiturbeispiele](#)“ an, die nach der Zeichentabelle folgen.

Wir hoffen, dass Sie so viele Freude bei der Verwendung von November 2 haben, wie wir beim Gestalten hatten!

Robert Piéchaud & das Team von Klemm Music Technology  
[www.klemm-music.de/november2](http://www.klemm-music.de/november2)

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1 Für eine vollständige Unterstützung mittelalterlicher Musik (Gregorianik, Schule von Nostre-Dame, Machault usw.) sehen Sie sich unser [Medieval 2](#) an.

2 Der erste nicht kommerzielle SMuFL-Zeichensatz ist natürlich Bravura, gestaltet von Daniel Spreadbury.

# Zeichentabelle von November 2




Hier folgen alle Glyphen<sup>1</sup> von **November2**, aufgeteilt in mehrere Tabellen.

Die herkömmlichen Zeichensätze **November** und **NovemberExtra** werden zusätzlich mitgeliefert und installiert. Diese können von Programmen verwendet werden, die keinen Zugriff auf Unicode-Musiksymbole ermöglichen: Finale-Versionen vor 2012, Sibelius usw.

Bitte lesen Sie sorgfältig den Abschnitt Anforderungen & Installation, um sich über die speziellen Möglichkeiten von November 2 in Finale, Dorico, Sibelius und LilyPond zu informieren.

Verwenden Sie die Suchfunktion Ihres PDF-Anzeigeprogramms, um diese Dokumentation zu durchsuchen.

## Hinweis zur Zeichentabelle:

	C (alto) clef cClef	U+E05C U+1D121	65
	Appoggiatura & trill ornamentPrecompAppoggTrill	U+E5B2	113
	Eyeglasses (right) miscEyeglassesRight	U+F743	Nur Unicode

Die Bezeichnung des Zeichens

Die Unicode-ID des Zeichens, mit möglichen Alternativen

Zeichenposition im herkömmlichen Zeichensatz **November** (zwischen 32 und 255)

Zeichenposition im herkömmlichen Zeichensatz **NovemberExtra** (zwischen 32 und 255)

Der eindeutige Name des Zeichens.








Das Aussehen der Glyphen.









Dieses Zeichen gibt es nur in November. Es gibt keine SMuFL-Entsprechung.







This character is found in the **November2** font only.








<sup>1</sup> Eine Glyphen ist definiert als die grafische Inkarnation eines mehr abstrakt definierten Zeichens, während Symbol je nach Kontext beides bedeuten kann. In der musikalischen Typografie pflegen diese Unterscheidungen zu verschwimmen!

# Notenschlüssel









Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	G (treble) clef <i>gClef</i>	U+E050 U+1D11E	38
	F (bass) clef <i>fClef</i>	U+E062 U+1D122	63
	C (alto) clef <i>cClef</i>	U+E05C U+1D121	65
	Unpitched percussion clef <i>unpitchedPercussionClef1</i>	U+E069 U+1D125	139
	Unpitched percussion clef (other style) <i>unpitchedPercussionClef2</i>	U+E06A U+1D126	214
	Unpitched percussion clef (var.) <i>unpitchedPercussionClef1Alt</i>	U+F606 (var.)	Nur Unicode
	G clef ottava bassa ("tenor") <i>gClef8vb</i>	U+E052 U+1D120	86








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	G clef ottava alta <i>gClef8va</i>	U+E053 U+1D11F	160
	G clef quindicesima alta <i>gClef15ma</i>	U+E054	<i>Nur Unicode</i>
	G clef, optionally ottava bassa <i>gClef8vbParens</i>	U+E057	<i>Nur Unicode</i>
	F clef ottava alta <i>fClef8va</i>	U+E065 U+1D123	230
	F clef ottava bassa <i>fClef8vb</i>	U+E064 U+1D124	116
	G clef quindicesima bassa <i>gClef15mb</i>	U+E051	<i>Nur Unicode</i>
	C clef ottava bassa <i>cClef8vb</i>	U+E05D	<i>Nur Unicode</i>
	F clef quindicesima bassa <i>fClef15mb</i>	U+E063	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	F clef quindicesima alta <i>fClef15ma</i>	U+E066	<i>Nur Unicode</i>
	6-string guitar tablature clef <i>6stringTabClef</i>	U+E06D	<i>Nur Unicode</i>
	4-string guitar tablature clef <i>4stringTabClef</i>	U+E06E	<i>Nur Unicode</i>
	C clef change <i>gClefChange</i>	U+E07A	<i>Nur Unicode</i>
	C clef change <i>cClefChange</i>	U+E07B	<i>Nur Unicode</i>
	F clef change <i>fClefChange</i>	U+E07C	<i>Nur Unicode</i>
8	Number "8" for clefs <i>clef8</i>	U+E07D	179
15	Number "15" for clefs <i>clef15</i>	U+E07E	180








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Schlüssel für ältere Musik</i>			
	Old style G clef ottava bassa <i>gClef8vbOld</i>	U+E055	<i>Nur Unicode</i>
	Old style tenor clef <i>gClef8vbCClef</i>	U+E056	<i>Nur Unicode</i>
	19th century F clef (American) <i>fClef19thCentury</i>	U+F407 (var.)	<i>Nur Unicode</i>
	C clef (19th century) <i>cClefSquare</i>	U+E060	<b>208</b>
	Petrucci C clef (middle position) <i>mensuralCclefPetrucciPosMiddle</i>	U+E909	<b>170</b>
	Petrucci C clef (lowest position) <i>mensuralCclefPetrucciPosLowest</i>	U+E907	<i>Nur Unicode</i>
	Petrucci C clef (highest position) <i>mensuralCclefPetrucciPosHighest</i>	U+E90B	<i>Nur Unicode</i>



Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="background-color: black; color: black;">■</span> November <span style="background-color: blue; color: blue;">■</span> NovemberExtra
	Black mensural C clef <i>mensuralCclefBlack</i>	U+F603 (var.)	<i>Nur Unicode</i>
	Mensural F clef <i>mensuralFclefPetrucci</i>	U+E904	252
	Mensural F clef (middle position) <i>mensuralFclefPetrucciPosMiddle</i>	<span style="color: magenta;">U+F608</span>	<i>Nur Unicode</i>
	Mensural F clef <i>mensuralFclef</i>	U+E903	<i>Nur Unicode</i>
	Mensural F clef (var.) <i>mensuralFclef2</i>	U+F605 (var.)	<i>Nur Unicode</i>
	Renaissance C clef <i>cClefFrench</i>	U+F602 (var.)	<i>Nur Unicode</i>
	Early G clef ("violin") <i>gClefEarly</i>	<span style="color: magenta;">U+F600</span>	240
	Early F clef <i>fClefEarly</i>	<span style="color: magenta;">U+F601</span>	245

Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Mensural G clef <i>mensuralGclef</i>	U+E900	Nur Unicode
	Petrucci G clef <i>mensuralGclefPetrucci</i>	U+E901	Nur Unicode
	Mensural G clef (var.) <i>mensuralGclef2</i>	U+F607	Nur Unicode
	Plainchant C clef <i>chantCclef</i>	U+E906	69
	Plainchant C clef (variant) <i>chantCclef2</i>	U+F604	Nur Unicode
	Plainchant F clef <i>chantFclef</i>	U+E902	72
Gedrehte, gespiegelte und andere spezielle Schlüssel			
	Reversed G clef (canon notation) <i>gClefReversed</i>	U+E073	203

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Reversed F clef (canon notation) <i>fClefReversed</i>	U+E076	204
	Reversed C clef (canon notation) <i>cClefReversed</i>	U+E075	205
	Turned G clef (canon notation) <i>gClefTurned</i>	U+E074	206
	Turned F clef (canon notation) <i>fClefTurned</i>	U+E077	207
	Turned & reversed G clef (canon style) <i>gClefTurnedReversed</i>	U+F60A	Nur Unicode
	Turned & reversed F clef (canon style) <i>fClefTurnedReversed</i>	U+F60B	Nur Unicode
	G clef with up arrow <i>gClefArrowUp</i>	U+E05A	Nur Unicode




Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	G clef with down arrow <i>gClefArrowDown</i>	U+E05B	<i>Nur Unicode</i>
	F clef with up arrow <i>fClefArrowUp</i>	U+E067	<i>Nur Unicode</i>
	F clef with down arrow <i>fClefArrowDown</i>	U+E068	<i>Nur Unicode</i>
	C clef with up arrow <i>cClefArrowUp</i>	U+E05E	<i>Nur Unicode</i>
	C clef with down arrow <i>cClefArrowDown</i>	U+E05F	<i>Nur Unicode</i>
	Strings "bridge" clef à la Lachenmann <i>bridgeClef</i>	U+E078 U+F604	<i>Nur Unicode</i>
	Indian drum clef <i>indianDrumClef</i>	U+ED70	<i>Nur Unicode</i>

## Notenköpfe und einzelne Noten







SMuFL enthält eine große Anzahl von Notenköpfen, die in November 2 größtenteils implementiert sind. Dazu kommen weitere, die nicht in SMuFL enthalten sind.

Einzelne Noten (mit oder ohne Fähnchen) werden zusammen mit Textelementen verwendet (z. B. in Tempoangaben). Notationsprogramme kombinieren Noten üblicherweise aus Notenköpfen, Fähnchen und Vektorzeichen für Hals oder Balken.

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)  ■ einzigartig	Alte Nr. [32...255]
			■ November ■ NovemberExtra
	Black notehead <i>noteheadBlack</i>	U+E0A4 U+1D158	207
	Half notehead (minim) <i>noteheadHalf</i>	U+E0A3 U+1D157	250
	Whole notehead (semibreve) <i>noteheadWhole / noteWhole</i>	U+E0A2 U+E1D2 U+1D15D	119
	Double whole notehead (breve) <i>noteheadDoubleWhole / noteDoubleWhole</i>	U+E0A0 U+E1D0 U+1D15C	87
	Double whole notehead (var.) <i>noteDoubleWholeAlt</i>	U+F660 (alt)	135
	Double whole square notehead (breve) <i>noteheadDoubleWholeSquare / noteDoubleWholeSquare</i>	U+E0A1 U+E1D1	221

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Maxima notehead (white) <i>mensuralNoteheadMaximaWhite</i>	U+E933	205
	Longa/brevis notehead (black) <i>mensuralNoteheadLongaBlack</i>	U+E934	204
	Longa/brevis notehead (white) <i>mensuralNoteheadLongaWhite</i>	U+E937	<i>Nur Unicode</i>
	Whole notehead unison with overlap <i>noteheadWholeUnisonOverlap</i>	U+F666	<i>Nur Unicode</i>
•	Augmentation dot <i>augmentationDot</i>	U+E1E7 U+1D16D	107
◆	Diamond augmentation dot <i>augmentationDotDiamond</i>	U+F759	<i>Nur Unicode</i>
◆	Diamond black notehead <i>noteheadDiamondBlack</i>	U+E0DB	226








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
◊	Diamond half notehead <i>noteheadDiamondHalf</i>	U+E0D9	180
◊	Diamond half notehead (alt.) <i>noteheadDiamondHalf2</i>	U+F663	79
◊	Diamond whole notehead <i>noteheadDiamondWhole</i>	U+E0D8	<i>Nur Unicode</i>
◊◊◊	Diamond double whole notehead <i>noteheadDiamondDoubleWhole</i>	U+E0D7	<i>Nur Unicode</i>
◊	Half-filled diamond notehead <i>noteheadDiamondHalfFilled</i>	U+E0E3	<i>Nur Unicode</i>
◊	Half-filled diamond notehead (larger) <i>noteheadDiamondHalfFilledLarge</i>	U+F66E	<i>Nur Unicode</i>
◊	Diamond white notehead <i>noteheadDiamondWhite</i>	U+E0DD	225

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Diamond wide half notehead <i>noteheadDiamondHalfWide</i>	U+E0DA	188
	Diamond wide black notehead <i>noteheadDiamondBlackWide</i>	U+E0DC	187
	Open diamond notehead <i>noteheadDiamondOpen</i>	U+E0FC	<i>Nur Unicode</i>
	Open diamond notehead (open to the left) <i>noteheadDiamondOpenLeft</i>	<span style="color: magenta;">U+F66F</span>	<i>Nur Unicode</i>
	Semiminima black notehead <i>mensuralNoteheadSemiminimaBlack</i>	U+E93D	<i>Nur Unicode</i>
	Minima white notehead <i>mensuralNoteheadMinimaWhite</i>	U+E93C	<i>Nur Unicode</i>
	Punctum (medieval) <i>chantPunctum</i>	U+E990	<i>Nur Unicode</i>

















Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
◆	Punctum inclinatum (medieval) <i>chantPunctumInclinatum</i>	U+E991	140
<i>„+“- und „x“-Notenköpfe</i>			
+	Plus notehead black <i>noteheadPlusBlack</i>	U+E0AF U+1D144	43
⦶	Plus notehead half <i>noteheadPlusHalf</i>	U+E0AE	<i>Nur Unicode</i>
⦶	Plus notehead whole <i>noteheadPlusWhole</i>	U+E0AD	<i>Nur Unicode</i>
⦶⦶	Plus notehead double whole <i>noteheadPlusDoubleWhole</i>	U+E0AC	<i>Nur Unicode</i>
✕	X notehead black <i>noteheadXBlack</i>	U+E0A9 U+1D143	192
✕	X notehead half <i>noteheadXHalf</i>	U+E0A8	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	X notehead whole <i>noteheadXWhole</i>	U+E0A7	<i>Nur Unicode</i>
	X notehead double whole <i>noteheadXDoubleWhole</i>	U+E0A6	<i>Nur Unicode</i>
	Ornate X notehead (double-sharp-like) <i>noteheadXOrnate</i>	U+E0AA	<i>Nur Unicode</i>
	Ornate X notehead in an ellipse <i>noteheadXOrnateEllipse</i>	U+E0AB	<i>Nur Unicode</i>
	Heavy X notehead <i>noteheadHeavyX</i>	U+E0F8	<i>Nur Unicode</i>
	Heavy X notehead with hat <i>noteheadHeavyXHat</i>	U+E0F9	<i>Nur Unicode</i>
<i>Notenköpfe im Kreis</i>			
	Circled black notehead <i>noteheadCircledBlack</i>	U+E0E4	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Circled half notehead <i>noteheadCircledHalf</i>	U+E0E5	<i>Nur Unicode</i>
	Circled whole notehead <i>noteheadCircledWhole</i>	U+E0E6	<i>Nur Unicode</i>
	Circled double whole notehead <i>noteheadCircledDoubleWhole</i>	U+E0E7	<i>Nur Unicode</i>
	Black notehead in large circle <i>noteheadCircledBlack</i>	U+E0E4	<i>Nur Unicode</i>
	Half notehead in large circle <i>noteheadCircledHalf</i>	U+E0E5	<i>Nur Unicode</i>
	Whole notehead in large circle <i>noteheadCircledWhole</i>	U+E0E6	<i>Nur Unicode</i>
	Double whole notehead in large circle <i>noteheadCircledDoubleWhole</i>	U+E0E7	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Dreiecke und Monde</i>			
▲	Triangle notehead right black <i>noteheadTriangleRightBlack</i>	U+E0C2 U+1D14D	240
◀	Triangle notehead right white <i>noteheadTriangleRightWhite</i>	U+E0C1 U+1D14C	241
▼	Triangle notehead up right black <i>noteheadTriangleUpRightBlack</i>	U+E0C9 U+1D151	236
◃	Triangle notehead up right white <i>noteheadTriangleUpRightWhite</i>	U+E0C8 U+1D150	237
▶	Triangle notehead left black <i>noteheadTriangleLeftBlack</i>	U+E0C0 U+1D14B	234
◁	Triangle notehead left white <i>noteheadTriangleLeftWhite</i>	U+E0BF U+1D14A	235
▼	Triangle-round notehead down black <i>noteheadTriangleRoundDownBlack</i>	U+E0CD U+1D155	230







Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Triangle-round notehead down white <i>noteheadTriangleRoundDownWhite</i>	U+E0CC U+1D156	231
	Triangle notehead up black <i>noteheadTriangleUpBlack</i>	U+E0BE U+1D149	209
	Triangle white notehead up <i>noteheadTriangleUpWhite</i>	U+E0BD U+1D148	121
	Triangle half notehead up <i>noteheadTriangleUpHalf</i>	U+E0BC	<i>Nur Unicode</i>
	Triangle whole notehead up <i>noteheadTriangleUpWhole</i>	U+E0BB	<i>Nur Unicode</i>
	Triangle double whole notehead up <i>noteheadTriangleUpDoubleWhole</i>	U+E0BA	<i>Nur Unicode</i>
	Triangle notehead down black <i>noteheadTriangleDownBlack</i>	U+E0C7 U+1D14F	224








Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Triangle notehead down white <i>noteheadTriangleDownWhite</i>	U+E0C6 U+1D14E	198
	Triangle half notehead down <i>noteheadTriangleDownHalf</i>	U+E0C5	<i>Nur Unicode</i>
	Triangle whole notehead down <i>noteheadTriangleDownWhole</i>	U+E0C4	<i>Nur Unicode</i>
	Triangle double whole notehead down <i>noteheadTriangleDownDoubleWhole</i>	U+E0C3	<i>Nur Unicode</i>
	Black notehead as isosceles triangle pointing right <i>noteheadIsoscelesTriangleRightBlack</i>	<span style="color: magenta;">U+F665</span>	177
	White notehead as isosceles triangle pointing right <i>noteheadIsoscelesTriangleRightWhite</i>	<span style="color: magenta;">U+F664</span>	176
	Half notehead as isosceles triangle poin- ting right <i>noteheadIsoscelesTriangleRightHalf</i>	<span style="color: magenta;">U+F667</span>	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Whole notehead as isosceles triangle pointing right <i>noteheadIsoscelesTriangleRightWhole</i>	U+F668	Nur Unicode
	Double whole notehead as isosceles triangle pointing right <i>noteheadIsoscelesTriangleRightDoubleWhole</i>	U+F66B	Nur Unicode
	Black notehead as isosceles triangle pointing left <i>noteheadIsoscelesTriangleBlack</i>	U+E1C5	Nur Unicode
	White notehead as isosceles triangle pointing left <i>noteheadIsoscelesTriangleWhite</i>	U+E1C4	Nur Unicode
	Half notehead as isosceles triangle pointing left <i>noteheadIsoscelesTriangleHalf</i>	U+F669	Nur Unicode
	Whole notehead as isosceles triangle pointing left <i>noteheadIsoscelesTriangleWhole</i>	U+F66A	Nur Unicode
	Double whole notehead as isosceles triangle pointing left <i>noteheadIsoscelesTriangleDoubleWhole</i>	U+F66C	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Moon notehead black <i>noteheadMoonBlack</i>	U+E0CB U+1D153	<span style="color: blue;">238</span>
	Moon notehead white <i>noteheadMoonWhite</i>	U+E0CA U+1D152	<span style="color: blue;">239</span>
<i>Runde und quadratische Notenköpfe</i>			
	Round black notehead <i>noteheadRoundBlack</i>	U+E113	<span style="color: blue;">139</span>
	Round white notehead <i>noteheadRoundWhite</i>	U+E114	<i>Nur Unicode</i>
	Round white notehead with dot <i>noteheadRoundWhiteWithDot</i>	U+E115	<span style="color: blue;">131</span>
	Round black & white notehead <i>noteheadRoundBlackAndWhite</i>	<span style="color: magenta;">U+F66C</span>	<span style="color: blue;">250</span>
	Round black notehead (slashed) <i>noteheadRoundBlackSlashed</i>	U+E118	<span style="color: blue;">251</span>







Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Round white notehead (slashed) <i>noteheadRoundWhiteSlashed</i>	U+E119	252
	Round black notehead (vertical slash) <i>noteheadRoundBlackVerticalSlash</i>	U+F670	244
	Round white notehead (vertical slash) <i>noteheadRoundWhiteVerticalSlash</i>	U+F671	245
	Large round black notehead <i>noteheadRoundBlackLarge</i>	U+E110	Nur Unicode
	Large round white notehead <i>noteheadRoundWhiteLarge</i>	U+E111	Nur Unicode
	Large round white notehead with dot <i>noteheadRoundWhiteWithDotLarge</i>	U+E112	Nur Unicode
	Large round black & white notehead <i>noteheadRoundBlackAndWhiteLarge</i>	U+F675	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Large round black notehead (slashed) <i>noteheadRoundBlackSlashedLarge</i>	U+E116	Nur Unicode
	Round white notehead (slashed) <i>noteheadRoundWhiteSlashedLarge</i>	U+E117	Nur Unicode
	Large round black notehead (vertical slash) <i>noteheadRoundBlackVerticalSlashLarge</i>	<span style="color: magenta;">U+F672</span>	<span style="color: blue;">242</span>
	Large round white notehead (vertical slash) <i>noteheadRoundWhiteVerticalSlashLarge</i>	<span style="color: magenta;">U+F673</span>	<span style="color: blue;">243</span>
	Square notehead black <i>noteheadSquareBlack</i>	U+E0B9 U+1D147	208
	Square notehead white <i>noteheadSquareWhite</i>	U+E0B8 U+1D146	<span style="color: blue;">194</span>
	Square notehead black & white <i>noteheadSquareBlackAndWhite</i>	<span style="color: magenta;">U+F676</span>	<span style="color: blue;">249</span>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Large square notehead black <i>noteheadSquareBlackLarge</i>	U+E11A	<i>Nur Unicode</i>
	Large square notehead white <i>noteheadSquareWhiteLarge</i>	U+E11B	<i>Nur Unicode</i>
	Large square notehead, black & white <i>noteheadSquareBlackAndWhiteLarge</i>	U+F677	<i>Nur Unicode</i>
<i>Strichnotation</i>			
	Slash with vertical ends <i>noteheadSlashVerticalEnds</i>	U+E100	243
	Slash with horizontal ends <i>noteheadSlashHorizontalEnds</i>	U+E101 U+1D10D	213
	Small slash with vertical ends <i>noteheadSlashVerticalEndsSmall</i>	U+E105	<i>Nur Unicode</i>
	Large X notehead <i>noteheadSlashX</i>	U+E106	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Large white diamond <i>noteheadSlashDiamondWhite</i>	U+E104	124
	White slash whole <i>noteheadSlashWhiteWhole</i>	U+E102	218
	White slash half <i>noteheadSlashWhiteHalf</i>	U+E103	254
	Muted slash with vertical ends <i>noteheadSlashVerticalEndsMuted</i>	U+E107	<i>Nur Unicode</i>
	Muted slash with horizontal ends <i>noteheadSlashHorizontalEndsMuted</i>	U+E108	<i>Nur Unicode</i>
	Muted white slash <i>noteheadSlashWhiteMuted</i>	U+E109	<i>Nur Unicode</i>
<i>Durchgestrichene Notenköpfe</i>			
	Slashed black notehead (bottom left to top right) <i>noteheadSlashedBlack1</i>	U+E0CF	201








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Slashed black notehead (top left to bottom right) <i>noteheadSlashedBlack2</i>	U+E0D0	247
	Slashed half notehead (bottom left to top right) <i>noteheadSlashedHalf1</i>	U+E0D1	200
	Slashed half notehead (top left to bottom right) <i>noteheadSlashedHalf2</i>	U+E0D2	248
	Circle slash notehead <i>noteheadCircleSlash</i>	U+E0F7	<i>Nur Unicode</i>
	Slashed whole notehead (bottom left to top right) <i>noteheadSlashedWhole1</i>	U+E0D3	<i>Nur Unicode</i>
	Slashed whole notehead (top left to bottom right) <i>noteheadSlashedWhole2</i>	U+E0D4	<i>Nur Unicode</i>
	Slashed double whole notehead (bottom left to top right) <i>noteheadSlashedDoubleWhole1</i>	U+E0D5	<i>Nur Unicode</i>








Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Slashed double whole notehead (top left to bottom right) <i>noteheadSlashedDoubleWhole2</i>	U+E0D6	Nur Unicode
	Black notehead with X <i>noteheadBlackWithX</i>	U+F661	203
	"Void" notehead with small X <i>noteheadVoidWithX</i>	U+E0B7	Nur Unicode
	Half notehead with small X <i>noteheadHalfWithX</i>	U+E0B6	202
	Whole notehead with small X <i>noteheadWholeWithX</i>	U+E0B5	Nur Unicode
	Double whole notehead with small X <i>noteheadDoubleWholeWithX</i>	U+E0B4	Nur Unicode
	Cross notehead in large circle <i>noteheadCircledXLarge</i>	U+E0EC	229





Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
⊗	Cross notehead in large circle <i>noteheadCircledThickXLarge</i>	U+F678	Nur Unicode
▲	Double triangle black notehead <i>noteheadDoubleTriangleUpBlack</i>	U+F662	193
△	Double triangle white notehead <i>noteheadDoubleTriangleUpWhite</i>	U+F66D	Nur Unicode
(empty)	No notehead <i>noteheadNull</i>	U+E0A5 U+1D159	32
<i>Klammern für Notenköpfe</i>			
(	Opening parenthesis <i>noteheadParenthesisLeft</i>	U+E0F5	40
)	Closing parenthesis <i>noteheadParenthesisRight</i>	U+E0F6	41
( )	Opening & closing parentheses <i>noteheadParenthesis</i>	U+E0CE U+1D156	125

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
[	Opening parenthesis <i>noteheadParenthesisLeft</i>	U+F757	123
]	Closing parenthesis <i>noteheadParenthesisRight</i>	U+F758	125
[ ]	Opening & closing brackets <i>noteheadBrackets</i>	U+F746	132
⦿	Black parenthesized notehead <i>noteheadBlackParenthesized</i>	U+F559	<i>Nur Unicode</i>
⦶	Half parenthesized notehead <i>noteheadHalfParenthesized</i>	U+F55A	<i>Nur Unicode</i>
⦷	Whole parenthesized notehead <i>noteheadWholeParenthesized</i>	U+F55B	<i>Nur Unicode</i>
⦸	Double Whole parenthesized notehead <i>noteheadDoubleWholeParenthesized</i>	U+F55C	<i>Nur Unicode</i>

















Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Cluster</i>			
	Cluster notehead black (square) <i>noteheadClusterSquareBlack</i>	U+E121 U+1D15B	<i>Nur Unicode</i>
	Cluster notehead white (square) <i>noteheadClusterSquareWhite</i>	U+E120 U+1D15A	<i>Nur Unicode</i>
	Cluster notehead black (round) <i>noteheadClusterRoundBlack</i>	U+E123	<i>Nur Unicode</i>
	Cluster notehead white (round) <i>noteheadClusterRoundWhite</i>	U+E122	<i>Nur Unicode</i>
	Quarter note cluster, 2nd <i>noteheadClusterQuarter2nd</i>	U+E127	<i>Nur Unicode</i>
	Quarter note cluster, 3rd <i>noteheadClusterQuarter3rd</i>	U+E12B	<i>Nur Unicode</i>
	Half note cluster, 2nd <i>noteheadClusterHalf2nd</i>	U+E126	<i>Nur Unicode</i>





Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Half note cluster, 3rd <i>noteheadClusterHalf3rd</i>	U+E12A	<i>Nur Unicode</i>
	Whole note cluster, 2nd <i>noteheadClusterWhole2nd</i>	U+E125	<i>Nur Unicode</i>
	Whole note cluster, 3rd <i>noteheadClusterWhole3rd</i>	U+E129	<i>Nur Unicode</i>
	Double whole note cluster, 2nd <i>noteheadClusterDoubleWhole2nd</i>	U+E124	<i>Nur Unicode</i>
	Double whole note cluster, 3rd <i>noteheadClusterDoubleWhole3rd</i>	U+E128	<i>Nur Unicode</i>
	Black diamond cluster, 2nd <i>noteheadDiamondClusterBlack2nd</i>	U+E139	<i>Nur Unicode</i>
	Black diamond cluster, 3rd <i>noteheadDiamondClusterBlack3rd</i>	U+E13B	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	White diamond cluster, 2nd <i>noteheadDiamondClusterWhite2nd</i>	U+E138	<i>Nur Unicode</i>
	White diamond cluster, 3rd <i>noteheadDiamondClusterWhite3rd</i>	U+E13A	<i>Nur Unicode</i>
<i>Einzelne Noten</i>			
	Half note <i>noteHalfUp</i>	U+E1D3	104
	Half note (stem down) <i>notehalfDown</i>	U+E1D4	<i>Nur Unicode</i>
	Quarter note <i>noteQuarterUp</i>	U+E1D5	113
	Quarter note (stem down) <i>noteQuarterDown</i>	U+E1D6	81
	8th note <i>note8thUp</i>	U+E1D7	101

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	8th note with oblique flag <i>note8thObliqueFlagUp</i>	U+F730	148
	8th note with straight flag <i>note8thStraightFlagUp</i>	U+F731	149
	8th note (stem down) <i>note8thDown</i>	U+E1D8	<i>Nur Unicode</i>
	16th note <i>note16thUp</i>	U+E1D9	120
	16th note (stem down) <i>note16thDown</i>	U+E1DA	<i>Nur Unicode</i>
	16th note with oblique flag <i>note16thObliqueFlagUp</i>	U+F732	144
	16th note with straight flag <i>note16thStraightFlagUp</i>	U+F733	145


Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	32nd note <i>note32ndUp</i>	U+E1DB	<i>Nur Unicode</i>
	32nd note (stem down) <i>note32ndDown</i>	U+E1DC	<i>Nur Unicode</i>
	64th note <i>note64thUp</i>	U+E1DD	<i>Nur Unicode</i>
	64th note (stem down) <i>note64thDown</i>	U+E1DE	<i>Nur Unicode</i>
	128th note <i>note128thUp</i>	U+E1DF	<i>Nur Unicode</i>
	128th note (stem down) <i>note128thDown</i>	U+E1E0	<i>Nur Unicode</i>
	256th note <i>note256thUp</i>	U+E1E1	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	256th note (stem down) <i>note256thDown</i>	U+E1E2	<i>Nur Unicode</i>
	512th note <i>note64thUp</i>	U+E1E3	<i>Nur Unicode</i>
	512th note (stem down) <i>note512thDown</i>	U+E1E4	<i>Nur Unicode</i>
	1024th note <i>note1024thUp</i>	U+E1E5	<i>Nur Unicode</i>
	1024th note (stem down) <i>note1024thDown</i>	U+E1E6	<i>Nur Unicode</i>
	Slashed grace note (stem up) <i>graceNoteAcciaccaturaStemUp</i>	U+E560 U+1D194	59
	Slashed grace note (stem down) <i>graceNoteAcciaccaturaStemDown</i>	U+E561	58

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Grace note (stem up) <i>graceNoteAppoggiaturaStemUp</i>	U+E562 U+1D195	<i>Nur Unicode</i>
	Grace note (stem down) <i>graceNoteAppoggiaturaStemDown</i>	U+E563	<i>Nur Unicode</i>
	Void Minima, flag to the right (mensural notation) <i>mensuralMinimaVoidStemUpFlagR</i>	U+F531	<b>146</b>
	Void Minima, flag to the left (mensural) <i>mensuralMinimaVoidStemUpFlagL</i>	U+F530	<b>147</b>

## Fähnchen

Jenseits von 16tel-Noten erstellen Notationsprogramme wie Finale oder Sibelius die Fähnchen aus den Glyphen *flagInternalUp/Down*, während LilyPond spezielle Glyphen verwendet.

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	8th note flag up <i>flag8thUp</i>	U+E240 U+1D16E	106
	8th note flag down <i>flag8thDown</i>	U+E241	74
	16th note flag up <i>flag16thUp</i>	U+E242	114
	16th note flag down <i>flag16thDown</i>	U+E243	82
	Additional flag up <i>flagInternalUp</i>	U+E250	75
	Additional flag down <i>flagInternalDown</i>	U+E251	239






Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	32nd note flag up <i>flag32thUp</i>	U+E244	<i>Nur Unicode</i>
	32nd note flag down <i>flag32thDown</i>	U+E245	<i>Nur Unicode</i>
	64th note flag up <i>flag16thUp</i>	U+E246	<i>Nur Unicode</i>
	64th note flag down <i>flag16thDown</i>	U+E247	<i>Nur Unicode</i>
	128th note flag up <i>flag16thUp</i>	U+E248	<i>Nur Unicode</i>
	128th note flag (below) <i>flag16thDown</i>	U+E249	<i>Nur Unicode</i>
	256th note flag up <i>flag16thUp</i>	U+E24A	<i>Nur Unicode</i>

Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	256th note flag down <i>flag512thDown</i>	U+E24B	Nur Unicode
	512th note flag up <i>flag512thUp</i>	U+E24C	Nur Unicode
	512th note flag (below) <i>flag512thDown</i>	U+E24D	Nur Unicode
	1024th note flag up <i>flag1024thUp</i>	U+E24E	Nur Unicode
	1024th note flag (below) <i>flag1024thDown</i>	U+E24F	Nur Unicode
	Straight flag <i>straightFlag</i>	U+F729	251
	Oblique flag up <i>flag8thObliqueUp</i>	U+F720	231

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Oblique flag down <i>flag8thObliqueDown</i>	<span style="color: magenta;">U+F721</span>	237
	Renaissance flag up (right) <i>renFlagRightUp</i>	<span style="color: magenta;">U+F722</span>	88
	Renaissance flag down (right) <i>renFlagRightDown</i>	<span style="color: magenta;">U+F723</span>	89
	Renaissance flag up (left) <i>renFlagLeftUp</i>	<span style="color: magenta;">U+F724</span>	100
	Renaissance flag down (left) <i>renFlagLeftDown</i>	<span style="color: magenta;">U+F725</span>	108
	Slash for stem up grace note <i>graceNoteSlashStemUp</i>	U+E564	<i>Nur Unicode</i>
	Slash for stem down grace note <i>graceNoteSlashStemDown</i>	U+E565	<i>Nur Unicode</i>

# Pausen



Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Whole (semibreve) rest <i>restWhole</i>	U+E4E6 U+1D13E	183
	Half (minim) rest <i>restWhole</i>	U+E4E7 U+1D13F	238
	Quarter (crotchet) rest <i>restQuarter</i>	U+E4E8 U+1D140	206
	Eighth (quaver) rest <i>rest8th</i>	U+E4E9 U+1D141	228
	16th (semiquaver) rest <i>rest16th</i>	U+E4EA U+1D142	197
	32nd (demisemiquaver) rest <i>rest32nd</i>	U+E4EB U+1D143	168
	64th (hemidemisemiquaver) rest <i>rest64th</i>	U+E4EC	244

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	128th (semihemidemisemiquaver!) rest <i>rest128th</i>	U+E4E2 U+1D13A	229
	256th (speechless!) rest <i>rest256th</i>	U+E4E1	185
	512th rest <i>rest512th</i>	U+E4E0	186
	Double whole (breve) rest <i>restDoubleWhole</i>	U+E4F2	<i>Nur Unicode</i>
	Longa rest <i>restLonga</i>		<i>Nur Unicode</i>
	Maxima rest <i>restMaxima</i>		<i>Nur Unicode</i>
	Old-style quarter (crotchet) rest <i>restQuarterOld</i>		<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Mittelalterliche Pausen</i>			
	Maxima Rest <i>mensuralRestMaxima</i>	U+E9F0	153
	Longa perfecta rest <i>mensuralRestLongaPerfecta</i>	U+E9F1 U+1D1C1	154
	Brevis rest <i>mensuralRestBrevis</i>	U+E9F3 U+1D1C3	155
	Semibrevis rest <i>mensuralRestSemibrevis</i>	U+E9F4 U+1D1C4	157
	Minima rest <i>mensuralRestMinima</i>	U+E9F5 U+1D1C5	156
┘	Semiminima rest <i>mensuralRestSemiminima</i>	U+E9F6 U+1D1C6	158
┘	Fusa rest <i>mensuralRestfusa</i>	U+E9F7	159

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<b>F</b>	Semifusa rest <i>mensuralRestSemifusa</i>	U+E9F8	<b>160</b>

## Vorzeichen (Standard)

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	
	Flat <i>accidentalFlat</i>	U+E660 U+266D	98
	Natural <i>accidentalNatural</i>	U+E261 U+266E	110
	Sharp <i>accidentalSharp</i>	U+E262 U+266F	35
	Double flat <i>accidentalDoubleFlat</i>	U+E264 U+1D12B	186
	Double sharp <i>accidentalDoubleSharp</i>	U+E263 U+1D12A	220
	Natural-flat <i>accidentalNaturalFlat</i>	U+E267	138
	Natural-sharp <i>accidentalNaturalSharp</i>	U+E268	137



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
(b)	Parenthesized flat <i>accidentalFlatParens</i>	U+F682 (alt)	65
(n)	Parenthesized natural <i>accidentalNaturalParens</i>	U+F683 (alt)	91
(\$)	Parenthesized sharp <i>accidentalSharpParens</i>	U+F684 (alt)	97
(bb)	Parenthesized double flat <i>accidentalDoubleFlatParens</i>	U+F686 (alt)	140
(\$)	Parenthesized double sharp <i>accidentalDoubleSharpParens</i>	U+F685 (alt)	129
(	Accidental parenthesis, left <i>accidentalParensLeft</i>	U+E26A	<i>Nur Unicode</i>
)	Accidental parenthesis, right <i>accidentalParensRight</i>	U+E26B	<i>Nur Unicode</i>
[	Accidental bracket, left <i>accidentalBracketLeft</i>	U+E26C	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	
]	Accidental bracket, right <i>accidentalBracketRight</i>	U+E26D	<i>Nur Unicode</i>
b	Small flat <i>accidentalFlatSmall</i>	U+F68B (alt)	105
ḅ	Small natural <i>accidentalNaturalSmall</i>	U+F687 (alt)	233
#	Small sharp <i>accidentalSharpSmall</i>	U+F68F	73
(b)	Small Parenthesized flat <i>accidentalFlatParensSmall</i>	U+F68A	123
(ḅ)	Small Parenthesized natural <i>accidentalNaturalSmallParens</i>	U+F689 (alt)	210
(#)	Small Parenthesized sharp <i>accidentalSharpSmallParens</i>	U+F68E (alt)	91
(bb)	Small Parenthesized double flat <i>accidentalDoubleFlatSmallParens</i>	U+F688 (alt)	211

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
(⌘)	Small Parenthesized double sharp <i>accidentalDoubleSharpSmallParens</i>	U+F68D (alt)	93
ʙ	Medieval/Renaissance flat <i>medRenFlatSoftB</i>	U+E9E0	Nur Unicode
ʙ	Medieval/Renaissance natural <i>medRenNatural</i>	U+E9E2	165
⌘	Medieval/Renaissance sharp <i>medRenSharpCroix</i>	U+E9E3 U+1D1CF	164
ʙ	Medieval/Renaissance flat (var) <i>medRenFlatSoftBOLD</i>	U+F680 (alt)	247
ʙ	Medieval flat with dot <i>medRenFlatWithDot</i>	U+E9E4	Nur Unicode



## Mikrotonale und andere Vorzeichen









Es gibt eine endlose Zahl von mikrotonalen oder sonstigen Vorzeichen, die sowohl die historische Evolution der westlichen Musik also auch die außergewöhnliche Vielfalt traditioneller nicht-westlicher Tonsysteme widerspiegeln.








Seit dem erstmaligen Erscheinen 1999 hat November sein mikrotonales Repertoire sehr erweitert, um viele weitere Situationen abzudecken, und zwar über SMuFL hinaus.

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: blue;">■</span> NovemberExtra	<span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	1/4 tone flat <i>accidentalQuarterToneFlatArrowUp</i>	U+E270 U+1D12C	145
	3/4 tone flat <i>accidentalThreeQuarterTonesFlat-ArrowDown</i>	U+E271 U+1D12D	144
	Flat, double arrow up <i>accidentalFlatDoubleArrowUp</i>	U+F5F0	<i>Nur Unicode</i>
	Flat, double arrow down <i>accidentalFlatDoubleArrowDown</i>	U+F5F1	<i>Nur Unicode</i>
	1/4 tone flat <i>accidentalQuarterToneFlat4</i>	U+E47F U+1D133	<i>Nur Unicode</i>
	Reversed flat (1/4 tone flat) <i>accidentalQuarterToneFlatStein</i>	U+E280	147

Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	1/4 tone flat (à la Penderecki) <i>accidentalQuarterToneFlatPenderecki</i>	U+E478	214
	Filled reversed flat (1/4 tone flat) <i>accidentalQuarterToneFlatFilled-Reversed</i>	U+E480	146
	Reversed flat and flat (3/4 tone flat) <i>accidentalThreeQuarterTones-Flat-Zimmermann</i>	U+E281	143
	3/4 tone flat (var.) <i>accidentalThreeQuarterTones-Flat-Couper</i>	U+E489	Nur Unicode
	Narrow reversed flat(1/4 tone flat) <i>accidentalNarrowReversedFlat</i>	U+E284	Nur Unicode
	Narrow reversed flat and flat (3/4 tone flat) <i>accidentalNarrowReversedFlatAnd-Flat</i>	U+E285	Nur Unicode
	Reversed flat with arrow up <i>accidentalReversedFlatArrowUp</i>	U+E290	Nur Unicode
	Reversed flat with arrow down <i>accidentalReversedFlatArrowDown</i>	U+E291	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="background-color: black; color: black;">■</span> November <span style="background-color: blue; color: blue;">■</span> NovemberExtra
	Reversed flat, double arrow up <i>accidentalReversedFlatDoubleArrow-Up</i>	<span style="color: magenta;">U+F5F2</span>	<i>Nur Unicode</i>
	Reversed flat, double arrow down <i>accidentalReversedFlatDoubleArrow-Down</i>	<span style="color: magenta;">U+F5F3</span>	<i>Nur Unicode</i>
	More or less flat <i>accidentalFlatArrowsUpDown</i>	<span style="color: magenta;">U+F69A</span>	<i>Nur Unicode</i>
	Filled reversed flat and flat <i>AccidentalFilledRevFlatAndFlat</i>	U+E296	<i>Nur Unicode</i>
	Filled reversed flat and flat with arrow up <i>accidentalFilledReversedFlatAnd-FlatArrowUp</i>	U+E297	<i>Nur Unicode</i>
	Filled reversed flat and flat with arrow down <i>accidentalFilledReversedFlatAnd-FlatArrowDown</i>	U+E298	<i>Nur Unicode</i>
	Filled reversed flat with arrow up <i>accidentalFilledReversedFlat-Arrow-Up</i>	U+E292	<i>Nur Unicode</i>
	Filled reversed flat with arrow down <i>accidentalFilledReversedFlat-Arrow-Down</i>	U+E293	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Reversed flat & flat with arrow up <i>accidentalReversedFlatAndFlat-ArrowUp</i>	U+E294	Nur Unicode
	Reversed flat & flat with arrow down <i>accidentalReversedFlatAndFlat-ArrowDown</i>	U+E295	Nur Unicode
	Reversed flat & flat with arrow down (var) <i>accidentalReversedFlatAndFlat-ArrowDown2</i>	U+F690 (alt.)	Nur Unicode
	Reversed flat & flat with arrow up (var) <i>accidentalReversedFlatAndFlat-ArrowUp2</i>	U+F691 (alt.)	Nur Unicode
	Flat with a thin stroke <i>accidentalFlatOneStroke</i>	<span style="color: magenta;">U+F69F</span>	163
	1/4 tone flat <i>accidentalQuarterToneFlatNatural-ArrowDown</i>	U+E273 U+1D12F	148
	1/4 tone sharp <i>accidentalQuarterToneSharp-NaturalArrowUp</i>	U+E272 U+1D12E	149
	More or less natural <i>accidentalNaturalArrowsUpDown</i>	<span style="color: magenta;">U+F69B</span>	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Natural, double arrow up <i>accidentalNaturalDoubleArrowUp</i>	U+F5F4	Nur Unicode
	Natural, double arrow down <i>accidentalNaturalDoubleArrowDown</i>	U+F5F5	Nur Unicode
	Natural with a thin stroke <i>accidentalNaturalOneStroke</i>	U+F69E	162
	1/4 tone sharp <i>accidentalQuarterToneSharp4</i>	U+E47E U+1D132	Nur Unicode
	3/4 tone sharp <i>accidentalThreeQuarterTones-SharpArrowUp</i>	U+E274 U+1D130	153
	3/4 tone sharp <i>accidentalWyschnegradsky-9TwelfthsSharp</i>	U+E428	Nur Unicode
	1/4 tone sharp <i>accidentalQuarterToneSharp-Arrow-Down</i>	U+E275 U+1D131	152
	Sharp, double arrow up <i>accidentalSharpDoubleArrowUp</i>	U+F5F6	Nur Unicode











Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="background-color: black; color: black;">■</span> November <span style="background-color: blue; color: blue;">■</span> NovemberExtra
	Sharp, double arrow down <i>accidentalSharpDoubleArrowDown</i>	<span style="color: magenta;">U+F5F7</span>	<i>Nur Unicode</i>
	Half sharp (1/4 tone sharp) <i>accidentalQuarterToneSharpStein</i>	U+E282	150
	Half sharp with three strokes <i>accidentalHalfSharpThreeStrokes</i>	U+F692 (var.)	151
	One & a half sharps (3/4 tone sharp) <i>accidentalThreeQuarterTones-Sharp-Stein</i>	U+E283	155
	One & a half sharps with three strokes <i>accidentalOneAndHalfSharp-ThreeStrokes</i>	<span style="color: magenta;">U+F698</span>	157
	One sharp with three strokes <i>accidentalSharpThreeStrokes</i>	<span style="color: magenta;">U+F699</span>	154
	Half sharp with arrow up <i>AccidentalHalfSharpArrowUp</i>	U+E299	<i>Nur Unicode</i>
	Half sharp with arrow down <i>accidentalHalfSharpArrowDown</i>	U+E29A	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	One and half sharps with arrow down <i>accidentalOneAndAHalfSharps-ArrowDown</i>	U+E29C	Nur Unicode
	One and a half sharps with arrow up <i>accidentalOneAndAHalfSharpsArrowUp</i>	U+E29B	Nur Unicode
	Sharp lowered by one syntonic comma <i>accidentalSharpOneArrowDown</i>	U+E2C3	Nur Unicode
	Sharp raised by one syntonic comma <i>accidentalSharpOneArrowUp</i>	U+E2C8	Nur Unicode
	More or less sharp <i>accidentalSharpArrowsUpDown</i>	<span style="color: magenta;">U+F69C</span>	Nur Unicode
	Half sharp with one middle stroke <i>accidentalHalfSharpMiddleStroke</i>	<span style="color: magenta;">U+F693</span>	156
	Sharp with one middle stroke <i>accidentalSharpWithMiddleStroke</i>	<span style="color: magenta;">U+F694</span>	158
	One and half sharp with one middle stroke <i>accidentalOneAndHalfSharpWith-MiddleStroke</i>	<span style="color: magenta;">U+F695</span>	169







Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	1/4 tone sharp (à la Bussotti) <i>accidentalQuarterToneSharpBussotti</i>	U+E472	Nur Unicode
	One or three quarter tones sharp (à la Bussotti) <i>accidentalSharpOneHorizontalStroke</i>	U+E473	Nur Unicode
	3/4 tone sharp (à la Bussotti) <i>accidentalThreeQuarterTonesSharp-Busotti</i>	U+E474	Nur Unicode
	1/3 tone flat (à la Ferneyhough) <i>accidentalOneThirdToneFlatFerneyhough</i>	U+E48B	Nur Unicode
	1/3 tone sharp (à la Ferneyhough) <i>accidentalOneThirdToneSharpFerneyhough</i>	U+E48A	Nur Unicode
	2/3 flat (à la Ferneyhough) <i>accidentalTwoThirdTonesFlatFerneyhough</i>	U+E48D	Nur Unicode
	2/3 sharp (à la Ferneyhough) <i>accidentalTwoThirdTonesSharpFerneyhough</i>	U+E48C	Nur Unicode
	1/3 sharp (à la Xenakis) <i>accidentalXenakisOneThirdTone-Sharp</i>	U+E470	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
♯	2/3 sharp (à la Xenakis) <i>accidentalXenakisTwoThird-Tones-Sharp</i>	U+E471	<i>Nur Unicode</i>
↓	Arrow down (lower by 1/4 tone) <i>accidentalArrowDown</i>	U+E27B	<i>Nur Unicode</i>
↑	Arrow up (raise by 1/4 tone) <i>accidentalArrowUp</i>	U+E27A	<i>Nur Unicode</i>
♭	Bakiye (Turkish music flat) <i>accidentalBakiyeFlat</i>	U+E442	<i>Nur Unicode</i>
♮	Büyük mücenneb (Turkish music flat) <i>accidentalBuyukMucennebFlat</i>	U+E440	<i>Nur Unicode</i>
♯♯	Double flat with a stroke <i>accidentalDoubleFlatOneStroke</i>	U+F69D	<i>Nur Unicode</i>
♯♯	Büyük mücenneb (Turkish music sharp) <i>accidentalBuyukMucennebSharp</i>	U+E447	<i>Nur Unicode</i>
♯♯	Küçük mücenneb (Turkish music sharp) <i>accidentalKucukMucennebSharp</i>	U+E446	<i>Nur Unicode</i>








Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Koron (Persian music 1/4 tone flat) <i>accidentalKoron</i>	U+E460	215
	Flat & koron (Persian music 3/4 tone flat) <i>accidentalFlatKoron</i>	U+F681	Nur Unicode
	Sori (Persian music 1/4 tone sharp) <i>accidentalSori</i>	U+E461	216
	Sharp & sori (Persian music 3/4 tones sharp) <i>accidentalSharpSori</i>	U+F68C	Nur Unicode
	1-comma flat (Turkish music) <i>accidental1CommaFlat</i>	U+E454	Nur Unicode
	2-comma flat (Turkish music) <i>accidental2CommaFlat</i>	U+E455	Nur Unicode
	3-comma flat (Turkish music) <i>accidental3CommaFlat</i>	U+E456	Nur Unicode
	4-comma flat (Turkish music) <i>accidental4CommaFlat</i>	U+E457	Nur Unicode

Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	1-comma sharp (Turkish music) <i>accidental1CommaSharp</i>	U+E450	Nur Unicode
	2-comma sharp (Turkish music) <i>accidental2CommaSharp</i>	U+E451	Nur Unicode
	3-comma sharp (Turkish music) <i>accidental3CommaSharp</i>	U+E452	Nur Unicode
	5-comma sharp (Turkish music) <i>accidental5CommaSharp</i>	U+E453	Nur Unicode
	3/4 tone flat (à la Grisey) <i>accidentalThreeQuarterTones-Flat-Grisey</i>	U+E486	Nur Unicode
	Byzantine-style slashed flat (à la Tavener) <i>accidentalTavenerFlat</i>	U+E477	Nur Unicode
	Byzantine-style slashed sharp (à la Tavener) <i>accidentalTavenerSharp</i>	U+E476	Nur Unicode
	Reversed sharp <i>accidentalSharpReversed</i>	U+E481	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Reversed natural <i>accidentalNaturalReversed</i>	U+E482	Nur Unicode
	Turned flat <i>accidentalFlatTurned</i>	U+E484	<span style="color: blue;">212</span>
	Turned double flat <i>accidentalDoubleFlatTurned</i>	U+E485	<span style="color: blue;">213</span>
	Turned & reversed flat <i>accidentalFlatTurnedReversed</i>	<span style="color: magenta;">U+F696</span>	Nur Unicode
	Triple flat <i>accidentalTripleFlat</i>	U+E266	Nur Unicode
	Triple sharp <i>accidentalTripleSharp</i>	U+E265	Nur Unicode
	5/4 tone sharp <i>accidentalFiveQuarterTonesSharpArrowUp</i>	U+E276	Nur Unicode
	3/4 tone sharp <i>accidentalThreeQuarterTonesSharpArrowDown</i>	U+E277	Nur Unicode








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	3/4 tone flat <i>accidentalThreeQuarterTonesFlatArrowUp</i>	U+E278	<i>Nur Unicode</i>
	5/4 tone flat <i>accidentalFiveQuarterTonesFlatArrowDown</i>	U+E279	<i>Nur Unicode</i>
	Arabic double flat <i>accidentalDoubleFlatArabic</i>	U+ED30	<i>Nur Unicode</i>
	Arabic 3/4 tone flat <i>accidentalThreeQuarterTonesFlatArabic</i>	U+ED31	<i>Nur Unicode</i>
	Arabic flat <i>accidentalFlatArabic</i>	U+ED32	<i>Nur Unicode</i>
	Arabic 1/4 tone flat <i>accidentalQuarterToneFlatArabic</i>	U+ED33	<i>Nur Unicode</i>
	Arabic natural <i>accidentalNaturalArabic</i>	U+ED34	<i>Nur Unicode</i>
	Arabic 1/4 tone sharp <i>accidentalQuarterToneSharpArabic</i>	U+ED35	<i>Nur Unicode</i>














Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Arabic sharp <i>accidentalSharpArabic</i>	U+ED36	<i>Nur Unicode</i>
	Arabic 3/4 tone sharp <i>accidentalThreeQuarterTonesSharpArabic</i>	U+ED37	<i>Nur Unicode</i>
	Arabic double sharp <i>accidentalDoubleSharpArabic</i>	U+ED38	<i>Nur Unicode</i>
<i>Helmholtz-Ellis Vorzeichen</i>			
	Double flat lowered by one syntonic comma <i>accidentalDoubleFlatOneArrowDown</i>	U+E2C0	<i>Nur Unicode</i>
	Flat lowered by one syntonic comma <i>accidentalFlatOneArrowDown</i>	U+E2C1	<i>Nur Unicode</i>
	Natural lowered by one syntonic comma <i>accidentalNaturalOneArrowDown</i>	U+E2C2	<i>Nur Unicode</i>
	Sharp lowered by one syntonic comma <i>accidentalSharpOneArrowDown</i>	U+E2C3	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Double sharp lowered by one syntonic comma <i>accidentalDoubleSharpOneArrowDown</i>	U+E2C4	<i>Nur Unicode</i>
	Double flat raised by one syntonic comma <i>accidentalDoubleFlatOneArrowUp</i>	U+E2C5	<i>Nur Unicode</i>
	Flat raised by one syntonic comma <i>accidentalFlatOneArrowUp</i>	U+E2C6	<i>Nur Unicode</i>
	Natural raised by one syntonic comma <i>accidentalNaturalOneArrowUp</i>	U+E2C7	<i>Nur Unicode</i>
	Sharp raised by one syntonic comma <i>accidentalSharpOneArrowUp</i>	U+E2C8	<i>Nur Unicode</i>
	Double sharp raised by one syntonic comma <i>accidentalDoubleSharpOneArrowUp</i>	U+E2C9	<i>Nur Unicode</i>
	Double flat lowered by two syntonic commas <i>accidentalDoubleFlatTwoArrowsDown</i>	U+E2CA	<i>Nur Unicode</i>
	Flat lowered by two syntonic commas <i>accidentalFlatTwoArrowsDown</i>	U+E2CB	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Natural lowered by two syntonic commas <i>accidentalNaturalTwoArrowsDown</i>	U+E2CC	Nur Unicode
	Sharp lowered by two syntonic commas <i>accidentalSharpTwoArrowsDown</i>	U+E2CD	Nur Unicode
	Double sharp lowered by two syntonic commas <i>accidentalDoubleSharpTwoArrowsDown</i>	U+E2CE	Nur Unicode
	Double flat raised by two syntonic commas <i>accidentalDoubleFlatTwoArrowsUp</i>	U+E2CF	Nur Unicode
	Flat raised by two syntonic commas <i>accidentalFlatTwoArrowsUp</i>	U+E2D0	Nur Unicode
	Natural raised by two syntonic commas <i>accidentalNaturalTwoArrowsUp</i>	U+E2D1	Nur Unicode
	Sharp raised by two syntonic commas <i>accidentalSharpTwoArrowsUp</i>	U+E2D2	Nur Unicode
	Double sharp raised by two syntonic commas <i>accidentalDoubleSharpTwoArrowsUp</i>	U+E2D3	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Double flat lowered by three syntonic commas <i>accidentalDoubleFlatThreeArrowsDown</i>	U+E2D4	<i>Nur Unicode</i>
	Flat lowered by three syntonic commas <i>accidentalFlatThreeArrowsDown</i>	U+ E2D5	<i>Nur Unicode</i>
	Natural lowered by three syntonic commas <i>accidentalNaturalThreeArrowsDown</i>	U+E2D6	<i>Nur Unicode</i>
	Sharp lowered by three syntonic commas <i>accidentalSharpThreeArrowsDown</i>	U+E2D7	<i>Nur Unicode</i>
	Double sharp lowered by three syntonic commas <i>accidentalDoubleSharpThreeArrowsDown</i>	U+E2D8	<i>Nur Unicode</i>
	Double flat raised by three syntonic commas <i>accidentalDoubleFlatThreeArrowsUp</i>	U+E2D9	<i>Nur Unicode</i>
	Flat raised by three syntonic commas <i>accidentalFlatThreeArrowsUp</i>	U+E2DA	<i>Nur Unicode</i>
	Natural raised by three syntonic commas <i>accidentalNaturalThreeArrowsUp</i>	U+E2DB	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Sharp raised by three syntonic commas <i>accidentalSharpThreeArrowsUp</i>	U+E2DC	<i>Nur Unicode</i>
	Double sharp raised by three syntonic commas <i>accidentalDoubleSharpThreeArrowsUp</i>	U+E2DD	<i>Nur Unicode</i>
	Lower by one undecimal quartertone <i>accidentalLowerOneUndecimalQuartertone</i>	U+E2E2	<i>Nur Unicode</i>
	Raise by one undecimal quartertone <i>accidentalRaiseOneUndecimalQuartertone</i>	U+E2E3	<i>Nur Unicode</i>
	Lower by one tridecimal quartertone <i>accidentalLowerOneTridecimalQuartertone</i>	U+E2E4	<i>Nur Unicode</i>
	Raise by one tridecimal quartertone <i>accidentalRaiseOneTridecimalQuartertone</i>	U+E2E5	<i>Nur Unicode</i>
	Combining lower by one 31-limit schisma <i>accidentalCombiningLower31Schisma</i>	U+E2EC	<i>Nur Unicode</i>
	Combining open curly brace <i>accidentalCombiningOpenCurlyBrace</i>	U+E2EE	<i>Nur Unicode</i>

Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
}	Combining close curly brace <i>accidentalCombiningCloseCurlyBrace</i>	U+E2EF	Nur Unicode
	Double flat equal tempered semitone <i>accidentalDoubleFlatEqualTempered</i>	U+E2F0	Nur Unicode
	Flat equal tempered semitone <i>accidentalFlatEqualTempered</i>	U+E2F1	Nur Unicode
	Natural equal tempered semitone <i>accidentalNaturalEqualTempered</i>	U+E2F2	Nur Unicode
	Sharp equal tempered semitone <i>accidentalSharpEqualTempered</i>	U+E2F3	Nur Unicode
	Double sharp equal tempered semitone <i>accidentalDoubleSharpEqualTempered</i>	U+E2F4	Nur Unicode
	Lower by one equal tempered quarter-tone <i>accidentalQuarterFlatEqualTempered</i>	U+E2F5	Nur Unicode
	Raise by one equal tempered quarter-tone <i>accidentalQuarterSharpEqualTempered</i>	U+E2F6	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
~	Enharmonically reinterpret accidental tilde <i>accidentalEnharmonicTilde</i>	U+E2F9	<i>Nur Unicode</i>
≈	Enharmonically reinterpret accidental almost equal to <i>accidentalEnharmonicAlmostEqualTo</i>	U+E2FA	<i>Nur Unicode</i>
=	Enharmonically reinterpret accidental equals <i>accidentalEnharmonicEquals</i>	U+E2FB	<i>Nur Unicode</i>

# Artikulationszeichen

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	
∨	Accent (above) <i>articAccentAbove</i>	U+E4A0 U+1D17B	62
∨	Accent (below) <i>articAccentAbove</i>	U+E4A1	<i>Nur Unicode</i>
•	Staccato (above) <i>articStaccatoAbove</i>	U+E4A2 U+1D17C	46
•	Staccato (below) <i>articStaccatoAbove</i>	U+E4A3	<i>Nur Unicode</i>
—	Tenuto (above) <i>articTenutoBelow</i>	U+E4A4 U+1D17D	45
—	Tenuto (below) <i>articTenutoAbove</i>	U+E4A5	<i>Nur Unicode</i>
‡	Staccatissimo (above) <i>articStaccatissimoAbove</i>	U+E4A6 U+1D17E	174



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
◌	Staccatissimo (below) <i>articStaccatissimoBelow</i>	U+E4A7	39
◌	Staccatissimo wedge (above) <i>articStaccatissimoWedgeAbove</i>	U+E4A8	171
◌	Staccatissimo wedge (below) <i>articStaccatissimoWedgeBelow</i>	U+E4A9	171
◌	Staccatissimo stroke (above) <i>articStaccatissimoStrokeAbove</i>	U+E4AA	<i>Nur Unicode</i>
◌	Staccatissimo stroke (below) <i>articStaccatissimoStrokeBelow</i>	U+E4AB	<i>Nur Unicode</i>
◌	Staccatissimo double dot (above) <i>articStaccatissimoDoubleDotAbove</i>	U+F6C9	<i>Nur Unicode</i>
◌	Staccatissimo double dot (below) <i>articStaccatissimoDoubleDotBelow</i>	U+F6CA	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
^	Marcato (above) <i>articMarcatoAbove</i>	U+E4AC U+1D17F	94
v	Marcato (below) <i>articMarcatoBelow</i>	U+E4AD	118
^	Marcato staccato (above) <i>articMarcatoStaccatoAbove</i>	U+E4AE U+1D180	172
v	Marcato staccato (below) <i>articMarcatoStaccatoBelow</i>	U+E4AF	232
^	Marcato tenuto (above) <i>articMarcatoTenutoAbove</i>	U+F6C0	75
v	Marcato tenuto (below) <i>articMarcatoTenutoBelow</i>	U+F6C1	76
^	Tenuto marcato (above) <i>articTenutoMarcatoAbove</i>	U+F6C2	77

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Tenuto marcato (below) <i>articTenutoMarcatoBelow</i>	U+F6C3	161
	Marcato staccatissimo (above) <i>articMarcatoStaccatissimoAbove</i>	U+F6D2	Nur Unicode
	Marcato staccatissimo (below) <i>articMarcatoStaccatissimoBelow</i>	U+F6D3	Nur Unicode
	Tenuto staccato (above) <i>articTenutoStaccatoAbove</i>	U+E4B2 U+1D182	248
	Tenuto staccato (below) <i>articTenutoStaccatoBelow</i>	U+E4B3 U+1D183	60
	Accent staccato (above) <i>articAccentStaccatoAbove</i>	U+E4B0 U+1D181	249
	Accent staccato (below) <i>articAccentStaccatoBelow</i>	U+E4B1 U+1D182	223

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	
≡	Tenuto-accent (above) <i>articTenutoAccentAbove</i>	U+E4B4	138
≡	Tenuto-accent (below) <i>articTenutoAccentBelow</i>	U+E4B5	137
⤴	Marcato tenuto staccato (above) <i>articMarcatoTenutoStaccatoAbove</i>	U+F6D4	<i>Nur Unicode</i>
⤵	Marcato tenuto staccato (below) <i>articMarcatoTenutoStaccatoBelow</i>	U+F6D5	<i>Nur Unicode</i>
<i>„Super“-Akzente und Marcatos nach Ligeti</i>			
≡	Accent x2 (above) <i>articAccentX2Above</i>	U+F580	<i>Nur Unicode</i>
≡	Accent x2 (below) <i>articAccentX2Below</i>	U+F581	<i>Nur Unicode</i>
≡	Accent x3 (above) <i>articAccentX3Above</i>	U+F582	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Accent x3 (below) <i>articAccentX3Below</i>	U+F583	<i>Nur Unicode</i>
	Tenuto & accent x2 (above) <i>articTenutoAccentX2Above</i>	U+F584	<i>Nur Unicode</i>
	Tenuto & accent x2 (below) <i>articTenutoAccentX2Below</i>	U+F585	<i>Nur Unicode</i>
	Marcato x2 (above) <i>articMarcatoX2Above</i>	U+F586	<i>Nur Unicode</i>
	Marcato x2 (below) <i>articMarcatoX2Below</i>	U+F587	<i>Nur Unicode</i>
	Marcato x3 (above) <i>articMarcatoX3Above</i>	U+F588	<i>Nur Unicode</i>
	Marcato x3 (below) <i>articMarcatoX3Below</i>	U+F589	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Betont/unbetont</i>			
/	Stress (above) <i>articStressAbove</i>	U+E4B6	242 129
\	Stress (below) <i>articStressBelow</i>	U+E4B7	246
˘	Unstress (above) <i>articUnstressAbove</i>	U+E4B8	<i>Nur Unicode</i>
˙	Unstress (below) <i>articUnstressBelow</i>	U+E4B9	<i>Nur Unicode</i>
˘˘	Laissez vibrer (above) <i>articLaissezVibrerAbove</i>	U+E4BA	253
˙˙	Laissez vibrer (below) <i>articLaissezVibrerBelow</i>	U+E4BB	254

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
<i>Tremoli und Wirbel</i>			
	Tremolo (on stem, 1 slash) <i>tremolo1</i>	U+E220 U+1D167	33
	Tremolo (2 slashes) <i>tremolo2</i>	U+E221 U+1D168	64
	Tremolo (3 slashes) <i>tremolo5</i>	U+E222 U+1D169	190
	Tremolo (4 slashes) <i>tremolo4</i>	U+E223	189
	Tremolo (5 slashes) <i>tremolo5</i>	U+E224	<i>Nur Unicode</i>
	Measured tremolo (by 2) <i>tremoloDivisiDots2</i>	U+E22E	95






Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Measured tremolo (by 3) <i>tremoloDivisiDots3</i>	U+E22F	<span style="color: blue;">96</span>
	Measured tremolo (by 4) <i>tremoloDivisiDots4</i>	U+E230	<i>Nur Unicode</i>
	Measured tremolo (by 6) <i>tremoloDivisiDots6</i>	U+E231	<i>Nur Unicode</i>
	Unmeasured tremolo à la Penderecki (on stem) <i>pendereckiTremolo</i>	U+E22B	<i>Nur Unicode</i>
	Wieniawski unmeasured tremolo (on stem) <i>unmeasuredTremolo</i>	U+E22C	<i>Nur Unicode</i>
	Wieniawski unmeasured tremolo (on stem) <i>unmeasuredTremolo</i>	U+E22D	<i>Nur Unicode</i>




# Instrumententechniken

Diese vielen Instrumententechniken sind hier nach Instrumentfamilien geordnet aufgeführt, aber natürlich können die Symbole für jeden beliebigen Zweck verwendet werden.


Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Klavier und andere Tasteninstrumente</i>			
	Pedal mark <i>keyboardPedalPed</i>	U+E650 U+1D1AE	<b>161</b>
	Sostenuto pedal mark <i>keyboardPedalSost</i>	U+E659	<i>Nur Unicode</i>
	Pedal up <i>keyboardPedalUp</i>	U+E655 U+1D1AF	<b>42</b>
	Pedal mark "P" <i>keyboardPedalP</i>	U+E650	<i>Nur Unicode</i>
	Pedal mark "P" (var.) <i>keyboardPedalP2</i>	U+F72C	<b>151</b>
	Pedal half-pedal <i>keyboardPedalHalf</i>	U+E656 U+1D1B0	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Pedal up notch <i>keyboardPedalUpNotch</i>	U+E657	<span style="color: blue;">152</span>
	Half pedal (var.) <i>keyboardPedalHalf2</i>	U+E65B	<i>Nur Unicode</i>
	Half pedal (var.) <i>keyboardPedalHalf3</i>	U+E65C	<i>Nur Unicode</i>
	Half pedal (var.) <i>keyboardPedalHalf4</i>	<span style="color: magenta;">U+F72D</span>	<i>Nur Unicode</i>
	<i>keyboardPluckInside</i>	U+E667	<i>Nur Unicode</i>
(	<i>keyboardPedalParensLeft</i>	U+E676	<i>Nur Unicode</i>
)	<i>keyboardPedalParensRight</i>	U+E677	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	<i>keyboardPedalHeelToToe</i>	U+E674	<i>Nur Unicode</i>
	<i>keyboardPedalToeToHeel</i>	U+E675	<i>Nur Unicode</i>
	Clavichord "bebung", 2 finger movements (above) <i>keyboardBebung2DotsAbove</i>	U+E668	<i>Nur Unicode</i>
	Clavichord "bebung", 2 finger movements (below) <i>keyboardBebung2DotsBelow</i>	U+E669	<i>Nur Unicode</i>
	Clavichord "bebung", 3 finger movements (above) <i>keyboardBebung3DotsAbove</i>	U+E66A	<i>Nur Unicode</i>
	Clavichord "bebung", 3 finger movements (below) <i>keyboardBebung3DotsBelow</i>	U+E66B	<i>Nur Unicode</i>
	Clavichord "bebung", 4 finger movements (above) <i>keyboardBebung4DotsAbove</i>	U+E66C	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
☺	Clavichord "bebung", 4 finger movements (below) <i>keyboardBebung4DotsBelow</i>	U+E66D	<i>Nur Unicode</i>
<i>Orgel</i>			
U	Pedal heel 1 <i>keyboardPedalHeel1</i>	U+E661	90
∩	Pedal heel 2 <i>keyboardPedalHeel2</i>	U+E662	89
o	Pedal heel 3 (Davis) <i>keyboardPedalHeel3</i>	U+E663	<i>Nur Unicode</i>
V	Pedal toe 1 <i>keyboardPedalToe1</i>	U+E664	<i>Nur Unicode</i>
^	Pedal toe 2 <i>keyboardPedalToe2</i>	U+E665	<i>Nur Unicode</i>
⤴	Pedal heel or toe <i>keyboardPedalHeelToe</i>	U+E666	<i>Nur Unicode</i>




Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
┌	Old pedal heel sign 1 <i>keyboardPedalHeelOld1</i>	U+F6CD	87
┐	Old pedal heel sign 2 <i>keyboardPedalHeelOld2</i>	U+F6CE	88
<i>Streicher</i>			
∨	Up bow <i>stringsUpBow</i>	U+E612 U+1D1AB	178
^	Up bow (turned) <i>stringsUpBowTurned</i>	U+E613	<i>Nur Unicode</i>
└	Down bow <i>stringsDownBow</i>	U+E610 U+1D1AA	179
┘	Down bow (turned) <i>stringsDownBowTurned</i>	U+E611	95
(∩)	Change bow direction, indeterminate <i>stringsChangeBowDirection</i>	U+E626	<i>Nur Unicode</i>

Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Behind the bridge (one string) <i>stringsBowBehindBridgeOneString</i>	U+E627	<i>Nur Unicode</i>
	Behind the bridge (two strings) <i>stringsBowBehindBridgeTwoStrings</i>	U+E628	<i>Nur Unicode</i>
	Behind the bridge (three strings) <i>stringsBowBehindBridgeThreeStrings</i>	U+E629	<i>Nur Unicode</i>
	Behind the bridge (four strings) <i>stringsBowBehindBridgeFourStrings</i>	U+E62A	<i>Nur Unicode</i>
	Bartók pizzicato (above) <i>pluckedSnapPizzicatoAbove</i>	U+E631	80
	Bartók pizzicato (below) <i>pluckedSnapPizzicatoBelow</i>	U+E630	79
	"Buzz" pizzicato <i>pluckedBuzzPizzicato</i>	U+E632	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
+	Left-hand pizzicato <i>pluckedLeftHandPizzicato</i>	U+E633	<i>Nur Unicode</i>
	Left-hand pizzicato on open string (above) <i>pluckedLeftHandPizzicatoOpenStringAbove</i>	U+F6CB	92
	Left-hand pizzicato on open string (below) <i>pluckedLeftHandPizzicatoOpenStringBelow</i>	U+F6CC	94
	Jeté/gettato (above) <i>stringsJeteAbove</i>	U+E620	<i>Nur Unicode</i>
	Jeté/gettato (below) <i>stringsJeteBelow</i>	U+E621	<i>Nur Unicode</i>
	Fouetté (on stem) <i>stringsFouette</i>	U+E622	<i>Nur Unicode</i>
○	Natural harmonic (flageolet) <i>stringsHarmonic</i>	U+E614 U+1D1AC	76








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
◉	Half-harmonic <i>stringsHalfHarmonic</i>	U+E615	76
○	Open string <i>openString</i>	U+F6C4	<i>Nur Unicode</i>
𐄂	Strings mute on <i>StringsMuteOne</i>	U+E616	<i>Nur Unicode</i>
𐄃	Strings mute off <i>StringsMuteOff</i>	U+E617	<i>Nur Unicode</i>
𐄄	Overpressure, up bow <i>stringsOverpressureUpBow</i>	U+E61C	<i>Nur Unicode</i>
𐄅	Overpressure possibile, up bow <i>stringsOverpressurePossibileUpBow</i>	U+E61E	<i>Nur Unicode</i>
𐄆	Overpressure, down bow <i>stringsOverpressureDownBow</i>	U+E61B	<i>Nur Unicode</i>

















Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Overpressure possibile, down bow <i>stringsOverpressurePossibile-DownBow</i>	U+E61D	Nur Unicode
	Overpressure, no bow direction <i>stringsOverpressureNoDirection</i>	U+E61F	Nur Unicode
	Behind the bridge (on stem) <i>stringsBowBehindBridge</i>	U+E618	Nur Unicode
	Behind the bridge (var.) <i>stringsBowBehindBridge2</i>	U+F804	43
	Sul ponticello (on stem) <i>stringsBowOnBridge</i>	U+E619	Nur Unicode
	Arco (on stem) <i>stringsArco</i>	U+F800	46
	Col legno (on stem) <i>stringsColLegno</i>	U+F801	47








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Col legno battuto <i>stringsColLegnoBattuto</i>	U+F802	Nur Unicode
	Col legno tratto <i>stringsColLegnoTratto</i>	U+F803	Nur Unicode
	Bow on tailpiece <i>stringsBowOnTailpiece</i>	U+E61A	Nur Unicode
	Vibrato pulse accent à la Saunders (on stem) <i>stringsVibratoPulse</i>	U+E623	Nur Unicode
	Thumb position <i>stringsThumbPosition</i>	U+E624	220
	Thumb position (turned) <i>stringsThumbPositionTurned</i>	U+E625	221
<i>Gezupfte Saiten (Harfe)</i>			
	Harp pedal (raised/flat) <i>harpPedalRaised</i>	U+E680	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
+	Harp pedal (centered/natural) <i>harpPedalCentered</i>	U+E681	<i>Nur Unicode</i>
T	Harp pedal (lowered/sharp) <i>harpPedalLowered</i>	U+E682	<i>Nur Unicode</i>
+	Harp pedal (divider) <i>harpPedalDivider</i>	U+E683	<i>Nur Unicode</i>
⊕	Damp <i>pluckedDamp</i>	U+E638	<i>Nur Unicode</i>
⊕	Damp all <i>pluckedDampAll</i>	U+E639	<i>Nur Unicode</i>
⊕	Damp all (alt.) <i>pluckedDampAll2</i>	U+F753	<i>Nur Unicode</i>
⤿	Plucked with fingernails <i>pluckedWithFingernails</i>	U+E636 U+1D1B3	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Fingernail flick <i>pluckedFingernailFlick</i>	U+E637	<i>Nur Unicode</i>
	Ascending aeolian chords <i>harpSalzedoAeolianAscending</i>	U+E695	<span style="color: blue;">70</span>
	Descending aeolian chords <i>harpSalzedoAeolianDescending</i>	U+E696	<span style="color: blue;">71</span>
	Thunder effect <i>harpSalzedoThunderEffect</i>	U+E686	<i>Nur Unicode</i>
	String noise (on stem) <i>harpStringNoiseStem</i>	U+E694	<i>Nur Unicode</i>
	Oboic flux <i>harpSalzedoOboicFlux</i>	U+E685	<i>Nur Unicode</i>
	Metallic sounds <i>harpSalzedoMetallicSounds</i>	U+E688	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Slide with suppleness <i>harpSalzedoSlideWithSuppleness</i>	U+E684	<i>Nur Unicode</i>
	Whistling sounds <i>harpSalzedoWhistlingSounds</i>	U+E687	<i>Nur Unicode</i>
	Tam-tam sounds <i>harpSalzedoTamTamSounds</i>	U+E689	<i>Nur Unicode</i>
	Play on the upper end <i>harpSalzedoPlayUpperEnd</i>	U+E68A	<i>Nur Unicode</i>
	Timpanic sounds <i>harpSalzedoTimpanicSounds</i>	U+E68B	<i>Nur Unicode</i>
	Muffle totally <i>harpSalzedoMuffleTotally</i>	U+E68C	<i>Nur Unicode</i>
	Fluidic sounds (left) <i>harpSalzedoFluidicSoundsLeft</i>	U+E68D	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Fluidic sounds (right) <i>harpSalzedoFluidicSoundsRight</i>	U+E68E	<i>Nur Unicode</i>
	Metal rod <i>harpMetalRod</i>	U+E68F	<i>Nur Unicode</i>
	Tuning key <i>harpTuningKey</i>	U+E690	<i>Nur Unicode</i>
	Tuning key (handle) <i>harpTuningKeyHandle</i>	U+E691	<i>Nur Unicode</i>
	Tuning key (shank) <i>harpTuningKeyShank</i>	U+E692	<i>Nur Unicode</i>
	Tuning key glissando <i>harpTuningKeyGlissando</i>	U+E693	<i>Nur Unicode</i>
	Damp (above) <i>harpSalzedoDampAbove</i>	U+E69A	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Damp (below) <i>harpSalzedoDampBelow</i>	U+E699	<i>Nur Unicode</i>
	Metallic sounds (one string) <i>harpSalzedoMetallicSoundsOneString</i>	U+E69B	<i>Nur Unicode</i>
	Damp low strings <i>harpSalzedoDampLowStrings</i>	U+E697	<i>Nur Unicode</i>
	Damp with both hands <i>harpSalzedoDampBothHands</i>	U+E698	<i>Nur Unicode</i>
	Isolated sounds <i>harpSalzedoIsolatedSounds</i>	U+E69C	<i>Nur Unicode</i>
	Snare drum sound <i>harpSalzedoSnareDrum</i>	U+E69D	<i>Nur Unicode</i>
<i>Gezupfte Saiten (Gitarre usw.)</i>			
	Fingered fret (filled circle) <i>fretboardFilledCircle</i>	U+E858	<i>176</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
◦	Open string (o) <i>fretboardO</i>	U+E85A	177
×	String not played (x) <i>fretboardX</i>	U+E85A	178
𐄞	Guitar shake <i>guitarShake</i>	U+E832	185
✓	Guitar vibrato bar scoop <i>guitarVibratoBarScoop</i>	U+E830	187
∨	Guitar vibrato bar dip <i>guitarVibratoBarDip</i>	U+E831	186
*	Guitar "golpe" (tapping the pick guard) <i>guitarGolpe</i>	U+E842	Nur Unicode
↑	Strum up <i>guitarStrumUp</i>	U+E846	Nur Unicode









Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
↓	StrumDown <i>guitarStrumDown</i>	U+E847	<i>Nur Unicode</i>
∨	Fade in <i>guitarFadeln</i>	U+E843	<i>Nur Unicode</i>
∧	Fade in <i>guitarFadeln</i>	U+E844	<i>Nur Unicode</i>
◊	Volume Swell <i>guitarVolumeSwell</i>	U+E845	<i>Nur Unicode</i>
C	Barré full <i>guitarBarreFull</i>	U+E848	<i>Nur Unicode</i>
½C	Barré half <i>guitarBarreHalf</i>	U+E849	<i>Nur Unicode</i>
○	Open pedal <i>guitarOpenPedal</i>	U+E83D	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
⊕	Half open pedal <i>guitarHalfOpenPedal</i>	U+E83E	<i>Nur Unicode</i>
+	Close pedal <i>guitarClosePedal</i>	U+E83F	<i>Nur Unicode</i>
Ⓣ	Left hand tapping <i>guitarLeftHandTapping</i>	U+E840	<i>Nur Unicode</i>
T	Right hand tapping <i>guitarRightHandTapping</i>	U+E841	<i>Nur Unicode</i>
①...⑩	String 0...9 <i>guitarString0...9</i>	U+E833	<i>Nur Unicode</i>
<i>(Holz-)Bläser</i>			
☺	Double-tongue (above) <i>doubleTongueAbove</i>	U+E5F0	<i>Nur Unicode</i>
☺	Double-tongue (below) <i>doubleTongueBelow</i>	U+E5F1	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Triple-tongue (above) <i>tripleTongueAbove</i>	U+E5F2	<i>Nur Unicode</i>
	Triple-tongue (below) <i>tripleTongueBelow</i>	U+E5F3	<i>Nur Unicode</i>
	Closed hole <i>windClosedHole</i>	U+E5F4	<b>174</b>
	Three-quarters closed hole <i>windThreeQuartersClosedHole</i>	U+E5F5	<i>Nur Unicode</i>
	Half-closed hole <i>windHalfClosedHole1</i>	U+E5F6	<i>Nur Unicode</i>
	Half-closed hole 2 <i>windHalfClosedHole2</i>	U+E5F7	<i>Nur Unicode</i>
	Half-open hole <i>windHalfClosedHole3</i>	U+E5F8	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
○	Open hole <i>windOpenHole</i>	U+E5F9	175
⊖	Recorder double hole (open) <i>recorderDoubleHoleOpen</i>	U+F810	Nur Unicode
⦿	Recorder double hole (closed) <i>recorderDoubleHoleClosed</i>	U+F811	Nur Unicode
⦿	Recorder double hole (open & closed) <i>recorderDoubleHoleOpenClosed</i>	U+F812	Nur Unicode
⦿	Recorder double hole (closed & open) <i>recorderDoubleHoleClosedOpen</i>	U+F813	Nur Unicode
tr	Trill key <i>windTrillKey</i>	U+E5FA	Nur Unicode
△	Flutter embouchure <i>windFlatEmbouchure</i>	U+E5FB	Nur Unicode







Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
▽	Sharper embouchure <i>windSharpEmbouchure</i>	U+E5FC	<i>Nur Unicode</i>
○	Relaxed embouchure <i>windRelaxedEmbouchure</i>	U+E5FD	<i>Nur Unicode</i>
◎	Somewhat relaxed embouchure <i>windLessRelaxedEmbouchure</i>	U+E5FE	<i>Nur Unicode</i>
●	Tight embouchure <i>windTightEmbouchure</i>	U+E5FF	<i>Nur Unicode</i>
◐	Somewhat tight embouchure <i>windLessTightEmbouchure</i>	U+E600	<i>Nur Unicode</i>
◑	Very tight embouchure <i>windVeryTightEmbouchure</i>	U+E601	<i>Nur Unicode</i>
◒	Weak air pressure <i>windWeakAirPressure</i>	U+E602	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Strong air pressure <i>windStrongAirPressure</i>	U+E603	<i>Nur Unicode</i>
	Normal reed position <i>windReedPositionNormal</i>	U+E604	<i>Nur Unicode</i>
	Reed position: out <i>windReedPositionOut</i>	U+E605	<i>Nur Unicode</i>
	Reed position: in <i>windReedPositionIn</i>	U+E606	<i>Nur Unicode</i>
	Mouth piece pop <i>windMouthpiecePop</i>	U+E60A	<i>Nur Unicode</i>
	Rim only <i>windRimOnly</i>	U+E60B	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Jazz-/Blech-Techniken</i>			
+	Brass mute: closed <i>brassMuteClosed</i>	U+E5E5	<i>Nur Unicode</i>
⊕	Brass mute: half-closed <i>brassMuteHalfClosed</i>	U+E5E6	<i>Nur Unicode</i>
○	Brass mute: open <i>brassMuteOpen</i>	U+E5E7	<i>Nur Unicode</i>
●	Harmon mute: closed (stem in) <i>brassHarmonMuteClosed</i>	U+E5E8	<i>Nur Unicode</i>
⊕	Harmon mute: stem extended, left <i>brassHarmonMuteStemHalfLeft</i>	U+E5E9	<b>85</b>
⊕	Harmon mute: stem extended, right <i>brassHarmonMuteStemHalfRight</i>	U+E5EA	<b>83</b>
⊕	Harmon mute: stem out (open) <i>brassHarmonMuteStemOpen</i>	U+E5EB	<i>Nur Unicode</i>








Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Brass mute (other) <i>muteOther1</i>	<span style="color: magenta;">U+F752</span>	<span style="color: blue;">84</span>
	Jazz turn <i>brassJazzTurn</i>	U+E5E4	<i>Nur Unicode</i>
	Brass smear <i>brassSmear</i>	U+E5E2	<i>Nur Unicode</i>
	Valve trill <i>brassValveTrill</i>	U+E5EF	
	Brass scoop <i>brassScoop</i>	U+E5D0	<i>Nur Unicode</i>
	Doit, short <i>brassDoitShort</i>	U+E5D4 U+1D185	<i>Nur Unicode</i>
	Doit, medium <i>brassDoitMedium</i>	U+E5D5	<i>Nur Unicode</i>










Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Doit, long <i>brassDoitLong</i>	U+E5D6	<i>Nur Unicode</i>
	Plop <i>brassPlop</i>	U+E5E0	<i>Nur Unicode</i>
	Lip fall, short <i>brassFallLipShort</i>	U+E5D7 U+1D186	<i>Nur Unicode</i>
	<u>Lip fall, medium</u> <i>brassFallLipMedium</i>	U+E5D8	<i>Nur Unicode</i>
	Lip fall, long <i>brassFallLipLong</i>	U+E5D9	<i>Nur Unicode</i>
	Smooth fall, short <i>brassFallSmoothShort</i>	U+E5DA	<i>Nur Unicode</i>
	Smooth fall, medium <i>brassFallSmoothMedium</i>	U+E5DB	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Smooth fall, long <i>brassFallSmoothLong</i>	U+E5DC	<i>Nur Unicode</i>
	Smooth lift, short <i>brassLiftSmoothShort</i>	U+E5EC	<i>Nur Unicode</i>
	Smooth lift, medium <i>brassLiftSmoothMedium</i>	U+E5ED	<i>Nur Unicode</i>
	Smooth lift, long <i>brassLiftSmoothLong</i>	U+E5EE	<i>Nur Unicode</i>
	Brass lift, short <i>brassLiftShort</i>	U+E5D1	<i>Nur Unicode</i>
	Brass lift, medium <i>brassLiftMedium</i>	U+E5D2	<i>Nur Unicode</i>
	Brass lift, long <i>brassLiftLong</i>	U+E5D3	<i>Nur Unicode</i>


Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Rough fall, short <i>brassFallRoughShort</i>	U+E5DD	<i>Nur Unicode</i>
	Rough fall, medium <i>brassFallRoughMedium</i>	U+E5DE	<i>Nur Unicode</i>
	Rough fall, long <i>brassFallRoughLong</i>	U+E5DF	<i>Nur Unicode</i>
	Bend <i>brassBend</i>	U+E5E3	<i>Nur Unicode</i>
	Flip <i>brassFlip</i>	U+E5E1	<i>Nur Unicode</i>
	Crescendo molto (jazz style) <i>dynamicCrescendoMolto</i>	U+F6E6	217
<i>Stimme</i>			
	Sprechgesang / parlé-chanté (on stem) <i>Sprechgesang</i>	U+E645	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Sussurrando (on stem) <i>vocalSussurando</i>	U+E646	<i>Nur Unicode</i>
	Mouth closed <i>vocalMouthClosed</i>	U+E640	<i>Nur Unicode</i>
	Mouth slightly open <i>vocalMouthSlightlyOpen</i>	U+E641	<i>Nur Unicode</i>
	Mouth open <i>vocalMouthOpen</i>	U+E642	<i>Nur Unicode</i>
	Mouth wide open <i>vocalMouthWideOpen</i>	U+E643	<i>Nur Unicode</i>
	Mouth pursed <i>vocalMouthPursed</i>	U+E644	<i>Nur Unicode</i>
	Nasal voice <i>vocalNasalVoice</i>	U+E647	<i>Nur Unicode</i>







Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
⌘	Tongue click (Stockhausen) <i>vocalTongueClickStockhausen</i>	U+E648	<i>Nur Unicode</i>
⌘	Finger click (Stockhausen) <i>vocalFingerClickStockhausen</i>	U+E649	<i>Nur Unicode</i>
⌘	Tongue & finger click (Stockhausen) <i>vocalTongueFingerClickStockhausen</i>	U+E64A	<i>Nur Unicode</i>
<i>Perkussion</i>			
✱	Stick shot <i>pictStickShot</i>	U+E7F0	<i>Nur Unicode</i>
Ⓞ	Scrape: center <i>pictScrapeCenter</i>	U+E7F1	<i>Nur Unicode</i>
Ⓞ	Scrape: edge to <i>pictScrapeEdgeTo</i>	U+E7F2	<i>Nur Unicode</i>
+	Rim shot <i>pictOpenRimShot</i>	U+E7F5	<i>Nur Unicode</i>




Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Open <i>pictOpen</i>	U+E7F8	<i>Nur Unicode</i>
	Damp 1 <i>pictDamp1</i>	U+E7F9	<i>Nur Unicode</i>
	Damp 2 <i>pictDamp2</i>	U+E7FA	<i>Nur Unicode</i>
	Damp 3 <i>pictDamp3</i>	U+E7FB	<i>Nur Unicode</i>
	Damp 4 <i>pictDamp4</i>	U+E7FC	<i>Nur Unicode</i>
	Cymbal: choke <i>pictChokeCymbal</i>	U+E805	<i>Nur Unicode</i>
	Hit center <i>pictCenter1</i>	U+E7FE	<span style="color: blue;">172</span>

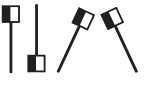


Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
⊙	Hit center (2) <i>pictCenter2</i>	U+E7FF	183
©	Hit center (3) <i>pictCenter3</i>	U+E800	Nur Unicode
⊙*	Hit rim/edge <i>pictRim1</i>	U+E801	173
⊙	Hit rim (var.) <i>pictRim2</i>	U+E802	184
⋈	Rim shot (on stem) <i>pictRimShotOnStem</i>	U+E7FD	Nur Unicode
∅	Half open <i>halfOpen</i>	U+F6C7	191
ϕ	Half open (vertical) <i>halfOpenVertical</i>	U+F6C8	Nur Unicode








Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Buzz roll (on stem) <i>buzzRoll</i>	U+E22A	<i>Nur Unicode</i>
	"Crush" (on stem) <i>pictCrushStem</i>	U+E80C	<i>Nur Unicode</i>
	Dead note (on stem) <i>pictDeadNoteStem</i>	U+E80D	<i>Nur Unicode</i>
	Swish (on stem) <i>pictSwishStem</i>	U+E808	<i>Nur Unicode</i>
	Turn right (on stem) <i>pictTurnRightStem</i>	U+E809	<i>Nur Unicode</i>
	Turn left (on stem) <i>pictTurnLeftStem</i>	U+E80A	<i>Nur Unicode</i>
	Turn left or right (on stem) <i>pictTurnRightLeftStem</i>	U+E80B	<i>Nur Unicode</i>



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Perkussion (Mallets und andere Schlägel)</i>			
	Drum stick <i>pictDrumStick</i>	U+E7E8	<i>Nur Unicode</i>
	Spoon-shaped wooden mallet <i>pictBeaterSpoonWoodenMallet</i>	U+E7DC	<i>Nur Unicode</i>
	Wire brushes up/down <i>pictBeaterWireBrushesUp/Down</i>	U+E7D7, U+E7D8	<i>Nur Unicode</i>
	Soft glockenspiel stick up/down/right/left <i>pictBeaterSoftGlockenspielUp/Down/Right/Left</i>	U+E780... U+E783	<i>Nur Unicode</i>
	Hard glockenspiel stick up/down/right/left <i>pictBeaterHardGlockenspielUp/Down/Right/Left</i>	U+E784... U+E787	<i>Nur Unicode</i>
	Soft xylophone stick up/down/right/left <i>pictBeaterSoftXylophoneUp/Down/Right/Left</i>	U+E770... U+E773	<i>Nur Unicode</i>

Glyphen Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
 <p>Medium xylophone stick up/down/right/left <i>pictBeaterMediumXylophoneUp/Down/Right/Left</i></p>	U+E774... U+E777	Nur Unicode
 <p>Hard xylophone stick up/down/right/left <i>pictBeaterHardXylophoneUp/Down/Right/Left</i></p>	U+E778... U+E77B	Nur Unicode
 <p>Wood xylophone stick up/down/right/left <i>pictBeaterWoodXylophoneUp/Down/Right/Left</i></p>	U+E77C... U+E77F	Nur Unicode
 <p>Soft yarn beater up/down/right/left <i>pictBeaterSoftYarnUp/Down/Right/Left</i></p>	U+E7A2... U+E7A5	Nur Unicode
 <p>Medium yarn beater up/down/right/left <i>pictBeaterMediumYarnUp/Down/Right/Left</i></p>	U+E7A6... U+E7A9	Nur Unicode
 <p>Hard yarn beater up/down/right/left <i>pictBeaterHardYarnUp/Down/Right/Left</i></p>	U+E7AA... U+E7AD	Nur Unicode
 <p>Soft timpani stick up/down/right/left <i>pictBeaterSoftTimpaniUp/Down/Right/Left</i></p>	U+E788... U+E78B	Nur Unicode








Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Medium timpani stick up/down/right/left <i>pictBeaterMediumTimpaniUp/Down/Right/Left</i>	U+E78C... U+E78F	Nur Unicode
	Hard timpani stick up/down/right/left <i>pictBeaterHardTimpaniUp/Down/Right/Left</i>	U+E790... U+E793	Nur Unicode
	Wood timpani stick up/down/right/left <i>pictBeaterWoodTimpaniUp/Down/Right/Left</i>	U+E794... U+E797	Nur Unicode
	Soft bass drum stick up/down <i>pictBeaterSoftBassDrumUp/Down</i>	U+E798, U+E799	Nur Unicode
	Medium bass drum stick up/down <i>pictBeaterMediumBassDrumUp/Down</i>	U+E79A, U+E79B	Nur Unicode
	Hard bass drum stick up/down <i>pictBeaterHardBassDrumUp/Down</i>	U+E79C, U+E79D	Nur Unicode
	Metal bass drum stick up/down <i>pictBeaterMetalBassDrumUp/Down</i>	U+E79E, U+E79F	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Soft xylophone beaters <i>pictBeaterSoftXylophone</i>	U+E7DB	<i>Nur Unicode</i>
<p><i>Hinweis:</i> Symbole für linke und rechte Hand können einfach kombiniert werden, z. B.: .</p>			
<i>Akkordeon</i>			
	Push <i>accdnPush</i>	U+E8CB	<i>Nur Unicode</i>
	Push (var.) <i>accdnPush2</i>	U+F45B	<i>Nur Unicode</i>
	Push (var.) <i>accdnPush3</i>	U+F45C	<i>Nur Unicode</i>
	Pull <i>accdnPull</i>	U+E8CC	<i>Nur Unicode</i>
	2 tone-ricochet (on stem) <i>accdnRicochetStem2</i>	U+E8D2	<i>Nur Unicode</i>









Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	3 tone-ricochet (on stem) <i>accdnRicochetStem3</i>	U+E8D3	<i>Nur Unicode</i>
	4 tone-ricochet (on stem) <i>accdnRicochetStem4</i>	U+E8D4	<i>Nur Unicode</i>
	5 tone-ricochet (on stem) <i>accdnRicochetStem5</i>	U+E8D5	<i>Nur Unicode</i>
	6 tone-ricochet (on stem) <i>accdnRicochetStem6</i>	U+E8D6	<i>Nur Unicode</i>
	Right hand, 2 ranks (empty) <i>accdnCombrRH2RanksEmpty</i>	U+E8C8	<i>199</i>
	Right hand, 3 ranks (empty) <i>accdnCombrRH3RanksEmpty</i>	U+E8C6	<i>200</i>
	Right hand, 4 ranks (empty) <i>accdnCombrRH4RanksEmpty</i>	U+E8C7	<i>201</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Left hand, 3 ranks (empty) <i>accdnCombLH3RanksEmptySquare</i>	U+E8C9	<span style="color: blue;">218</span>
	Accordion coupler dot (in combination) <i>accdnCombDot</i>	U+E8CA	<span style="color: blue;">202</span>
	Left hand, 2 ranks, 8' stop (round) <i>accdnLH2Ranks8Round</i>	U+E8BB	<i>Nur Unicode</i>
	Left hand, 2 ranks, 16' stop (round) <i>accdnLH2Ranks16Round</i>	U+E8BC	<i>Nur Unicode</i>
	Left hand, 2 ranks, 8' stop + 16' stop (round) <i>accdnLH2Ranks8Plus16Round</i>	U+E8BD	<i>Nur Unicode</i>
	Left hand, 2 ranks, master (round) <i>accdnLH2RanksMasterRound</i>	U+E8BE	<i>Nur Unicode</i>
	Left hand, 2 ranks, master + 16' stop (round) <i>accdnLH2RanksMasterPlus16Round</i>	U+E8BF	<i>Nur Unicode</i>









Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Left hand, 2 ranks, full master (round) <i>accdnLH2RanksFullMasterRound</i>	U+E8C0	<i>Nur Unicode</i>
	Left hand, 3 ranks, 8' stop (square) <i>accdnLH3Ranks8Square</i>	U+E8C1	<i>Nur Unicode</i>
	Left hand, 3 ranks, 2' stop (square) <i>accdnLH3Ranks2Square</i>	U+E8C2	<i>Nur Unicode</i>
	Left hand, 3 ranks, double 8' stop (square) <i>accdnLH3RanksDouble8Square</i>	U+E8C3	<i>Nur Unicode</i>
	Left hand, 3 ranks, 2' stop + 8' stop (square) <i>accdnLH3Ranks2Plus8Square</i>	U+E8C4	<i>Nur Unicode</i>
	Left hand, 3 ranks, 2' stop + double 8' stop <i>(tutti) (square)</i> <i>accdnLH3RanksTuttiSquare</i>	U+E8C5	<i>Nur Unicode</i>
	Right hand, 3 ranks, 4' stop (piccolo) <i>accdnRH3RanksPiccolo</i>	U+E8A0	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Right hand, 3 ranks, 8' stop (clarinet) <i>accdnRH3RanksClarinet</i>	U+E8A1	<i>Nur Unicode</i>
	Right hand, 3 ranks, upper tremolo 8' stop <i>accdnRH3RanksUpperTremolo8</i>	U+E8A2	<i>Nur Unicode</i>
	Right hand, 3 ranks, lower tremolo 8' stop <i>accdnRH3RanksLowerTremolo8</i>	U+E8A3	<i>Nur Unicode</i>
	Right hand, 3 ranks, 16' stop (bassoon) <i>accdnRH3RanksBassoon</i>	U+E8A4	<i>Nur Unicode</i>
	Right hand, 3 ranks, 4' stop + 8' stop (oboe) <i>accdnRH3RanksOboe</i>	U+E8A5	<i>Nur Unicode</i>
	Right hand, 3 ranks, 8' stop + upper tremolo 8' stop (violin) <i>accdnRH3RanksViolin</i>	U+E8A6	<i>Nur Unicode</i>
	Right hand, 3 ranks, 4' stop + 8' stop + upper tremolo 8' stop (imitation musette) <i>accdnRH3RanksImitationMusette</i>	U+E8A7	<i>Nur Unicode</i>

















Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Right hand, 3 ranks, lower tremolo 8' stop + 8' stop + upper tremolo 8' stop (authentic musette)  <i>accdnRH3RanksAuthenticMusette</i>	U+E8A8	Nur Unicode
	Right hand, 3 ranks, 4' stop + 16' stop (organ)  <i>accdnRH3RanksOrgan</i>	U+E8A9	Nur Unicode
	Right hand, 3 ranks, 4' stop + 8' stop + 16' stop (harmonium)  <i>accdnRH3RanksHarmonium</i>	U+E8AA	Nur Unicode
	Right hand, 3 ranks, 8' stop + 16' stop (bandoneón)  <i>accdnRH3RanksBandoneon</i>	U+E8AB	Nur Unicode
	Right hand, 3 ranks, 8' stop + upper tremolo 8' stop + 16' stop (accordion)  <i>accdnRH3RanksAccordion</i>	U+E8AC	Nur Unicode
	Right hand, 3 ranks, 4' stop + lower tremolo 8' stop + upper tremolo 8' stop + 16' stop (master)  <i>accdnRH3RanksMaster</i>	U+E8AD	Nur Unicode
	Right hand, 3 ranks, lower tremolo 8' stop + upper tremolo 8' stop  <i>accdnRH3RanksTwoChoirs</i>	U+E8AE	Nur Unicode
	Right hand, 3 ranks, lower tremolo 8' stop + upper tremolo 8' stop + 16' stop  <i>accdnRH3RanksTwoChoirs</i>	U+E8AF	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Right hand, 3 ranks, 4' stop + lower tremolo 8' stop + upper tremolo 8' stop <i>accdnRH3RanksTremoloUpper8ve</i>	U+E8B0	<i>Nur Unicode</i>
	Right hand, 3 ranks, lower tremolo 8' stop + 8' stop + upper tremolo 8' stop + 16' stop <i>accdnRH3RanksDoubleTremoloLower8ve</i>	U+E8B1	<i>Nur Unicode</i>
	Right hand, 3 ranks, 4' stop + lower tremolo 8' stop + 8' stop + upper tremolo 8' stop <i>accdnRH3RanksDoubleTremoloUpper8ve</i>	U+E8B2	<i>Nur Unicode</i>
	Right hand, 3 ranks, 4' stop + lower tremolo 8' stop + 8' stop + upper tremolo 8' stop + 16' stop <i>accdnRH3RanksFullFactory</i>	U+E8B3	<i>Nur Unicode</i>
	Right hand, 4 ranks, soprano <i>accdnRH4RanksSoprano</i>	U+E8B4	<i>Nur Unicode</i>
	Right hand, 4 ranks, alto <i>accdnRH4RanksAlto</i>	U+E8B5	<i>Nur Unicode</i>
	Right hand, 4 ranks, tenor <i>accdnRH4RanksTenor</i>	U+E8B6	<i>Nur Unicode</i>
	Right hand, 4 ranks, master <i>accdnRH4RanksMaster</i>	U+E8B7	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Right hand, 4 ranks, soft bass <i>accdnRH4RanksSoftBass</i>	U+E8B8	<i>Nur Unicode</i>
	Right hand, 4 ranks, soft tenor <i>accdnRH4RanksSoftTenor</i>	U+E8B9	<i>Nur Unicode</i>
	Right hand, 4 ranks, bass/alto <i>accdnRH4RanksBassAlto</i>	U+E8BA	<i>Nur Unicode</i>
	2-tone ricochet (bellow shake) <i>accdnRicochet2</i>	U+E8CD	<i>Nur Unicode</i>
	3-tone ricochet (bellow shake) <i>accdnRicochet3</i>	U+E8CE	<i>Nur Unicode</i>
	4-tone ricochet (bellow shake) <i>accdnRicochet4</i>	U+E8CF	<i>Nur Unicode</i>
	5-tone ricochet (bellow shake) <i>accdnRicochet5</i>	U+E8D0	<i>Nur Unicode</i>
	6-tone ricochet (bellow shake) <i>accdnRicochet6</i>	U+E8D1	<i>Nur Unicode</i>


## Fermaten und Atemzeichen

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Fermata (above) <i>fermataAbove</i>	U+E4C0 U+1D110	85
	Fermata (below) <i>fermataBelow</i>	U+E4C1 U+1D111	117
	Short fermata (above) <i>fermataShortAbove</i>	U+E4C4	38
	Short fermata (below) <i>fermataShortBelow</i>	U+E4C5	39
	Very short fermata (above) <i>fermataVeryShortAbove</i>	U+E4C2	219
	Very short fermata (below) <i>fermataVeryShortBelow</i>	U+E4C3	<i>Nur Unicode</i>
	Extremely short fermata (above) <i>fermataExtremelyShortAbove</i>	U+F6D7	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Extremely short fermata (below) <i>fermataExtremelyShortBelow</i>	<span style="color: magenta;">U+F6D8</span>	Nur Unicode
	Long fermata (above) <i>fermataLongAbove</i>	U+E4C6	<span style="color: blue;">38</span>
	Long fermata (below) <i>fermataLongBelow</i>	U+E4C7	<span style="color: blue;">39</span>
	Very long fermata (above) <i>fermataVeryLongAbove</i>	U+E4C8	Nur Unicode
	Very long fermata (below) <i>fermataVeryLongBelow</i>	U+E4C9	Nur Unicode
	Extremely long fermata (above) <i>fermataExtremelyLongAbove</i>	<span style="color: magenta;">U+F6D9</span>	Nur Unicode
	Extremely long fermata (below) <i>fermataExtremelyLongBelow</i>	<span style="color: magenta;">U+F6DA</span>	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Long fermata à la Henze (above) <i>fermataLongHenzeAbove</i>	U+E4CA	<span style="color: blue;">211</span>
	Long fermata à la Henze (below) <i>fermataLongHenzeBelow</i>	U+E4CB	<i>Nur Unicode</i>
	Short fermata à la Henze (above) <i>fermataShortHenzeAbove</i>	U+E4CC	<span style="color: blue;">210</span>
	Short fermata à la Henze (below) <i>fermataShortHenzeBelow</i>	U+E4CD	<i>Nur Unicode</i>
	Breath mark (à la Salzedo) <i>breathMarkSalzedo</i>	U+E4D5	<i>Nur Unicode</i>
	Breath mark (upbow-like) <i>breathMarkUpbow</i>	U+E4D0 U+1D113	<i>Nur Unicode</i>
	Breath mark (tick-like) <i>breathMarkTick</i>	U+E4CF	<i>Nur Unicode</i>



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
,	Comma <i>breathMarkComma</i>	U+E4CE U+1D112	44
,	Comma with one stroke (short) <i>breathMarkCommaOneStroke</i>	U+F6C5	44
,	Comma with two strokes (very short) <i>breathMarkCommaTwoStrokes</i>	U+F6C6	45
//	Cæsura <i>caesura</i>	U+E4D1 U+1D113	34
//	Thick cæsura <i>caesuraThick</i>	U+E4D2	<i>Nur Unicode</i>
//	Short cæsura <i>CaesuraShort</i>	U+E4D3	47
//	Curved cæsura <i>caesuraCurved</i>	U+E4E4	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Curlew (à la Britten) <i>curlewSign</i>	U+E4D6	<i>Nur Unicode</i>



# Dynamik

Glyph	Beschreibung Glyphenname	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<b><i>p</i></b>	Piano  <i>dynamicPiano</i>  <i>Note: this special dynamics style recalls Universal Edition around 1910...</i>	U+E520 U+1D18F	112
<b><i>f</i></b>	Forte  <i>dynamicForte</i>	U+E522 U+1D191	102
<b><i>r</i></b>	Rinforzando  <i>dynamicRinforzando</i>	U+E523 U+1D18C	253
<b><i>s</i></b>	S(forzando)  <i>dynamicSforzando</i>	U+E524 U+1D18D	115
<b><i>z</i></b>	Z  <i>dynamicZ</i>	U+E525 U+1D18E	122
<b><i>n</i></b>	Niente  <i>dynamicNiente</i>	U+E526	<i>Nur Unicode</i>
<b><i>m</i></b>	<i>dynamicMezzo</i>	U+E521	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	pppppp <i>dynamicPPPPPP</i>	U+E527	<i>Nur Unicode</i>
	ppppp <i>dynamicPPPPP</i>	U+E528	<i>Nur Unicode</i>
	pppp <i>dynamicPPPP</i>	U+E529	175
	ppp <i>dynamicPPP</i>	U+E52A	184
	pp <i>dynamicPP</i>	U+E52B	185
	mp <i>dynamicMP</i>	U+E52C	80
	mf <i>dynamicMF</i>	U+E52D	70

Glyph	Beschreibung Glyphenname	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<b><i>ff</i></b>	ff <i>dynamicFF</i>	U+E52F	196
<b><i>fff</i></b>	fff <i>dynamicFFF</i>	U+E530	236
<b><i>ffff</i></b>	ffff <i>dynamicFFFF</i>	U+E531	235
<b><i>fffff</i></b>	fffff <i>dynamicFFFFF</i>	U+E532	<i>Nur Unicode</i>
<b><i>ffffff</i></b>	ffffff <i>dynamicFFFFFF</i>	U+E533	<i>Nur Unicode</i>
<b><i>fp</i></b>	Forte-piano <i>dynamicFortePiano</i>	U+E534	234
<b><i>sf</i></b>	Sforzando <i>dynamicSforzando1</i>	U+E536	83

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<b><i>sfz</i></b>	Sforzato <i>dynamicSforzato</i>	U+E539	167
<b><i>rf</i></b>	<i>Rinforzando 1</i> <i>dynamicRinforzando1</i>	U+E53A	<i>Nur Unicode</i>
<b><i>rfz</i></b>	Rinforzando 2 <i>dynamicRinforzando2</i>	U+E53D	166
<b><i>fz</i></b>	Forzando <i>dynamicForzando</i>	U+E535	90
<b><i>sfp</i></b>	Sforzando-piano <i>dynamicSforzandoPiano</i>	U+E537	130
<b><i>sfpp</i></b>	Sforzando-pianissimo <i>dynamicSforzandoPianissimo</i>	U+E538	182
<b><i>sfzp</i></b>	<i>Sforzato-piano</i> <i>dynamicSforzatoPiano</i>	U+E53A	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Sforzato <i>dynamicSforzatoFF</i>	U+E53B	141
	Sforzato! <i>dynamicSforzatoFFF</i>	U+F6F0	Nur Unicode
	Sforzato!! <i>dynamicSforzatoFFFF</i>	U+F6F1	Nur Unicode
○	Niente (for hairpins) <i>dynamicNienteForHairpin</i>	U+E541	111
∅	Niente (for hairpins, var.) <i>dynamicNienteForHairpin2</i>	U+F6E7	Nur Unicode
	Messa di voce (espr. molto) <i>dynamicMessaDiVoce</i>	U+E540	63
	<i>dynamicCrescendoHairpin</i>	U+E53E	Nur Unicode

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
$\rhd$	<i>dynamicDiminuendoHairpin</i>	U+E53F	<i>Nur Unicode</i>
[	<i>dynamicHairpinParenthesisLeft</i>	U+E542	<i>Nur Unicode</i>
]	<i>dynamicHairpinParenthesisRight</i>	U+E543	<i>Nur Unicode</i>
(	<i>dynamicHairpinBracketLeft</i>	U+E544	<i>Nur Unicode</i>
)	<i>dynamicHairpinBracketRight</i>	U+E545	<i>Nur Unicode</i>








## Verzierungen und Arpeggios

November 2 enthält noch mehr Symbole für Verzierungen als die bereits umfassende Spezifikation von SMuFL vorgibt. Ein besonderer Fokus liegt dabei auf französischer Barockmusik.



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	■ November ■ NovemberExtra
	Trill <i>ornamentTrill</i>	U+E566 U+1D196	68
	Trill (Viennese style) <i>ornamentTrillViennese</i>	U+F700	217
	Trill wiggle element <i>wiggleTrill</i>	U+EAA4	126
	Trill wiggle "slow" element <i>wiggleTrillSlow</i>	U+EAA5	62
	Short trill ("mordent") <i>ornamentMordent</i>	U+E56C	109 <span style="color: blue;">101</span>
	Pincé/Bach mordant (Bach) <i>ornamentMordentInverted</i>	U+E56D	77 <span style="color: blue;">108</span>




Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Turn/gruppetto <i>ornamentTurn</i>	U+E567 U+1D197	84 100
	Inverted gruppetto/turn <i>ornamentTurnInverted</i>	U+E568 U+1D198	103
	Gruppetto/turn up <i>ornamentTurnUp</i>	U+E56A U+1D19A	209
	Inversed Gruppetto/turn up <i>ornamentTurnUpS</i>	U+E56B	Nur Unicode
	Gruppetto/turn with a slash <i>ornamentTurnSlash</i>	U+E569 U+1D199	143
	Tremblement (trill) <i>ornamentTremblement</i>	U+E56E	181 102
	Trill with mordent <i>ornamentPrecompTrillWithMordent</i>	U+E5BD	109





Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Cadence with upper prefix <i>ornamentPrecompCadenceUpperPrefix</i>	U+E5C1	104
	Cadence <i>ornamentPrecompCadence</i>	U+E5BE	105
	Double cadence with upper prefix <i>ornamentPrecompDoubleCadenceUpperPrefix</i>	U+E5C3	106
	Double cadence with lower prefix <i>ornamentPrecompDoubleCadenceLowerPrefix</i>	U+E5C0	107
	Trill with mordent <i>ornamentPrecompTrillWithMordent</i>	U+E5BD	<span style="color: blue;">109</span>
	Double cadence with upper prefix & turn <i>ornamentPrecompDoubleCadenceUpperPrefixTurn</i>	U+E5C4	<span style="color: blue;">110</span>
	Port de voix & multiple (inverted) mordent <i>ornamentPrecompPortDeVoixMordent</i>	U+E5BC	<span style="color: blue;">111</span>







Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Cadence with upper prefix & turn <i>ornamentPrecompCadenceUpperPrefixTurn</i>	U+E5C2	112
	Cadence with turn <i>ornamentPrecompCadenceWithTurn</i>	U+E5BF	113
	Trill with lower suffix <i>ornamentPrecompTrillLowerSuffix</i>	U+E5C8	Nur Unicode
	Short trill with release <i>ornamentPrecompMordentRelease</i>	U+E5C5	Nur Unicode
	Coulé/Schleifer/slide <i>ornamentSchleifer</i>	U+E587	Nur Unicode
	Coulé (var.) <i>ornamentPrecompSlide</i>	U+E5B0	Nur Unicode
	Slide-trill (à la Muffat) <i>ornamentPrecompSlideTrillMuffat</i>	U+E5B9	Nur Unicode








Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Slide-trill with two-note suffix (Muffat) <i>ornamentPrecompSlideTrillSuffixMuffat</i>	U+E5BA	Nur Unicode
	Trill with two-note suffix (Dandrieu) <i>ornamentPrecompTrillSuffixDandrieu</i>	U+E5BB	Nur Unicode
	Turn & trill (à la d'Anglebert) <i>ornamentPrecompTurnTrillDAnglebert</i>	U+E5B4	Nur Unicode
	Slide-trill (à la d'Anglebert) <i>ornamentPrecompSlideTrillDAnglebert</i>	U+E5B5	Nur Unicode
	Slide-trill with one-note suffix (à la Marpurg) <i>ornamentPrecompSlideTrillMarpurg</i>	U+E5B6	Nur Unicode
	Turn-trill with two-note suffix (J.S. Bach) <i>ornamentPrecompTurnTrillBach</i>	U+E5B7	Nur Unicode
	Slide-trill with two-note suffix (J.S. Bach) <i>ornamentPrecompSlideTrillBach</i>	U+E5B8	Nur Unicode

Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Descending slide <i>ornamentPrecompDescendingSlide</i>	U+E5B1	Nur Unicode
	Appoggiatura & trill <i>ornamentPrecompAppoggTrill</i>	U+E5B2	Unicode
	Trill with appoggiatura and suffix <i>ornamentPrecompAppoggTrillSuffix</i>	U+E5B3	Unicode
	Appoggiatura, trill & mordent <i>ornamentPrecompAppoggiaturaTrill-Mordent</i>	U+F70D	Unicode
	Trill with upper prefix <i>ornamentPrecompMordentUpperPrefix</i>	U+E5C6	Nur Unicode
	(Inverted) mordent with upper prefix <i>ornamentPrecompInvertedMordentUpperPrefix</i>	U+E5C7	Nur Unicode
	Coulé/Schleifer/slide à la Bach <i>ornamentSchleiferBach</i>	U+F708	114




Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Ornament à la Haydn <i>ornamentHaydn</i>	U+E56F	<i>Nur Unicode</i>
	Pincé à la Couperin <i>ornamentPinceCouperin</i>	U+E588	116
	Shake (mordent or pincé) <i>ornamentShake3</i>	U+E582	118
	Tremblement à la Couperin <i>ornamentTremblementCouperin</i>	U+E589	117
	Tremblement with stroke <i>ornamentTremblementWithStroke</i>	<span style="color: magenta;">U+F706</span>	121
	Tremblement with oblique stroke <i>ornamentTremblementWithObliqueStroke</i>	<span style="color: magenta;">U+F707</span>	120
	Trill & turn à la Couperin <i>ornamentTurnTrillCouperin</i>	<span style="color: magenta;">U+F709</span>	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
(	Chute/port de voix <i>ornamentChute</i>	U+F70A	115
)	Port de voix <i>ornamentPortDeVoix</i>	U+F70B	<i>Nur Unicode</i>
V	Port de voix V <i>ornamentPortDeVoixV</i>	U+E570	<i>Nur Unicode</i>
⌘	Suspension (Couperin) <i>ornamentSuspension</i>	U+F70C	<i>Nur Unicode</i>
	Ascending coulé à la Couperin (centered on stem) <i>ornamentCouleAscending</i>	U+F70F	<i>Nur Unicode</i>
	Descending coulé (centered on stem) <i>ornamentCouleDescending</i>	U+F70E	<i>Nur Unicode</i>
(b●)	Parenthesized note with flat for trill <i>trillUpperNoteParensFlat</i>	U+F701	132

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Parenthesized note with natural for trill <i>trillUpperNoteParensNatural</i>	<span style="color: magenta;">U+F702</span>	<span style="color: blue;">133</span>
	Parenthesized note with sharp for trill <i>trillUpperNoteParensSharp</i>	<span style="color: magenta;">U+F703</span>	<span style="color: blue;">134</span>
	Parenthesized note with double sharp for trill <i>trillUpperNoteParensDoubleSharp</i>	<span style="color: magenta;">U+F704</span>	<span style="color: blue;">135</span>
	Parenthesized note with double flat for trill <i>trillUpperNoteParensDoubleFlat</i>	<span style="color: magenta;">U+F705</span>	<span style="color: blue;">136</span>
<i>Arpeggios</i>			
	Arpeggio wiggle vertical element <i>arpeggioWiggle</i>	<span style="color: magenta;">U+F610</span>	103
	Arpeggiato up <i>arpeggiatoUp</i>	U+E634 U+1D183	<i>Nur Unicode</i>
	Arpeggiato down <i>arpeggiatoDown</i>	U+E635 U+1D184	<i>Nur Unicode</i>

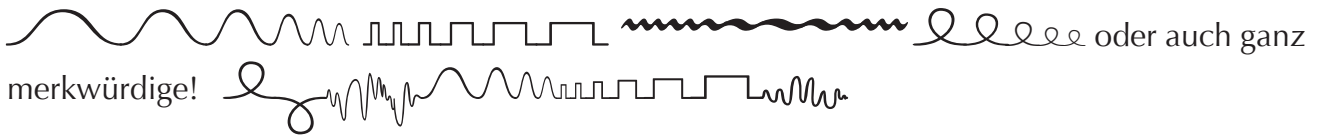
Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Arpeggio up 1 (Couperin style) <i>ArpeggioCouperinUp1</i>	U+F711	Nur Unicode
	Arpeggio up 2 (Couperin) <i>ArpeggioCouperinUp2</i>	U+F712	Nur Unicode
	Arpeggio up 3 (Couperin) <i>ArpeggioCouperinUp3</i>	U+F713	Nur Unicode
	Arpeggio up 4 (Couperin) <i>ArpeggioCouperinUp4</i>	U+F714	Nur Unicode
	Arpeggio up 5 (Couperin) <i>ArpeggioCouperinUp5</i>	U+F715	Nur Unicode
	Arpeggio down 1 (Couperin) <i>ArpeggioCouperinDown1</i>	U+F71A	Nur Unicode
	Arpeggio down 2 (Couperin) <i>ArpeggioCouperinDown2</i>	U+F71B	Nur Unicode









Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Arpeggio down 3 (Couperin) <i>ArpeggioCouperinDown3</i>	<span style="color: magenta;">U+F71C</span>	<i>Nur Unicode</i>
	Arpeggio down 4 (Couperin) <i>ArpeggioCouperinDown4</i>	<span style="color: magenta;">U+F71D</span>	<i>Nur Unicode</i>
	Arpeggio down 5 (Couperin) <i>ArpeggioCouperinDown5</i>	<span style="color: magenta;">U+F71E</span>	<i>Nur Unicode</i>

## Regelmäßige Linien und andere „Wellen“








Elemente unterschiedlicher Länge und Größe können kombiniert werden, um „dynamische“ Linien zu erstellen, z. B.:

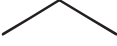














Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255]
			■ November ■ NovemberExtra
~	Trill wiggle "faster" element <i>wiggleTrillFaster</i>	U+EAA2	<i>Nur Unicode</i>
~	Trill wiggle "fast" element <i>wiggleTrillFast</i>	U+EAA3	255
~	Trill wiggle element <i>wiggleTrill</i>	U+EAA4	126
~	Trill wiggle "slow" element <i>wiggleTrillSlow</i>	U+EAA5	62
~	Trill wiggle "slowest" element <i>wiggleTrillSlowest</i>	U+EAA8	227
~	Trill wiggle "fastest" element <i>wiggleTrillFastest</i>	U+EAA0	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Trill wiggle "faster" element <i>wiggleTrillFasterStill</i>	U+EAA1	Nur Unicode
	Arpeggiato up ending <i>wiggleArpeggiatoUpSwash</i>	U+EAAB	Nur Unicode
	Arpeggiato down ending <i>wiggleArpeggiatoDownSwash</i>	U+EAAC	Nur Unicode
	Vibrato wiggle element <i>wiggleVibrato</i>	U+EAB0	Nur Unicode
	Wide vibrato wiggle element <i>wiggleVibratoWide</i>	U+EAB1	Nur Unicode
	Guitar vibrato element <i>guitarVibratoStroke</i>	U+EAB2	Nur Unicode
	Wide guitar vibrato element <i>guitarWideVibratoStroke</i>	U+EAB3	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
~	Arpeggiato wiggle segment, upwards <i>wiggleArpeggiatoUp</i>	U+EAA9	150
~	Arpeggiato wiggle segment, downwards <i>wiggleArpeggiatoDown</i>	U+EAAA	<i>Nur Unicode</i>
➤	Arpeggiato arrowhead up <i>wiggleArpeggiatoUpArrow</i>	U+EAAD	<i>Nur Unicode</i>
➤	<u>Arpeggiato arrowhead down</u> <i>wiggleArpeggiatoDownArrow</i>	U+EAAE	<i>Nur Unicode</i>
~	Glissando wiggle segment <i>wiggleGlissando</i>	U+EAAF	<i>Nur Unicode</i>
∩	Extra narrow wavy line (sine-like) <i>wiggleWavyExtraNarrow</i>	U+F6E0	<i>Nur Unicode</i>
∩	Narrow wavy line (sine-like) <i>wiggleWavyNarrow</i>	U+EAB4	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Wavy line <i>wiggleWavy</i>	U+EAB5	<span style="color: blue;">58</span>
	Wide wavy line <i>wiggleWavyWide</i>	U+EAB6	<i>Nur Unicode</i>
	Extra wide wavy line <i>wiggleWavyExtraWide</i>	<span style="color: magenta;">U+F6E1</span>	<i>Nur Unicode</i>
	Extra narrow sawtooth line segment <i>wiggleSawtoothExtraNarrow</i>	<span style="color: magenta;">U+F6E2</span>	<i>Nur Unicode</i>
	Narrow sawtooth line segment <i>wiggleSawtoothNarrow</i>	U+EABA	<i>Nur Unicode</i>
	Sawtooth line segment <i>wiggleSawtooth</i>	U+EABB	<i>Nur Unicode</i>
	Wide sawtooth line segment <i>wiggleSawtoothWide</i>	U+EABC	<i>Nur Unicode</i>

Glyph Glyphname	Beschreibung Glyphname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Extra wide sawtooth line segment <i>wiggleSawtoothExtraWide</i>	U+F6E3	Nur Unicode
	Extra narrow square wave segment <i>wiggleSquareWaveExtraNarrow</i>	U+F6E4	Nur Unicode
	Narrow square wave segment <i>wiggleSquareWaveNarrow</i>	U+EAB7	Nur Unicode
	Square wave segment <i>wiggleSquareWave</i>	U+EAB8	Nur Unicode
	Wide square wave segment <i>wiggleSquareWaveWide</i>	U+EAB9	Nur Unicode
	Extra wide square wave segment <i>wiggleSquareWaveExtraWide</i>	U+F6E5	Nur Unicode
	Vibrato small, faster <i>wiggleVibratoSmallFaster</i>	U+EAD6	Nur Unicode

Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Vibrato small, fast <i>wiggleVibratoSmallFast</i>	U+EAD7	Nur Unicode
	Vibrato small, slow <i>wiggleVibratoSmallSlow</i>	U+EAD8	Nur Unicode
	Vibrato small, slower <i>wiggleVibratoSmallSlower</i>	U+EAD9	Nur Unicode
	Vibrato small, slowest <i>wiggleVibratoSmallSlowest</i>	U+EADA	<span style="color: blue;">222</span>
	Circular wiggle (cycloid-like) <i>wiggleCircularConstantLarge</i>	U+EAC2	<span style="color: blue;">60</span>
	Flipped circular wiggle <i>wiggleCircularConstantFlippedLarge</i>	U+EAC3	<span style="color: blue;">59</span>
	Small circular wiggle (cycloid-like) <i>wiggleCircularConstant</i>	U+EAC0	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Small flipped circular wiggle <i>wiggleCircularConstantFlipped</i>	U+EAC1	<i>Nur Unicode</i>
	Pseudo-random squiggle 1 <i>wiggleRandom1</i>	U+EAF0	255
	Pseudo-random squiggle 2 <i>wiggleRandom2</i>	U+EAF1	<i>Nur Unicode</i>
	Pseudo-random squiggle 3 <i>wiggleRandom3</i>	U+EAF2	<i>Nur Unicode</i>
	Pseudo-random squiggle 4 <i>wiggleRandom4</i>	U+EAF3	<i>Nur Unicode</i>



# Oktaven

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<b>8</b>	Ottava <i>ottava</i>	U+E510	131
<b>8<sup>a</sup></b>	Ottava alta <i>ottavaAlta</i>	U+E511 U+1D136	195
<b>8<sub>b</sub></b>	Ottava bassa <i>ottavaBassa</i>	U+E512 U+1D137	215
<b>8<sub>ba</sub></b>	Ottava bassa ("ba") <i>ottavaBassaBa</i>	U+E513	<i>Nur Unicode</i>
<b>15</b>	Quindicesima <i>quindicesima</i>	U+E514	134
<b>15<sup>a</sup></b>	Quindicesima alta <i>quindicesimaAlta</i>	U+E515 U+1D138	219
<b>15<sub>b</sub></b>	Quindicesima bassa <i>quindicesimaBassa</i>	U+E516 U+1D139	96








Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
<b>22</b>	Ventiduesima <i>ventiduesima</i>	U+E517	<i>Nur Unicode</i>
<b>22<sup>a</sup></b>	Ventiduesima alta <i>ventiduesimaAlta</i>	U+E518	<i>Nur Unicode</i>
<b>22<sup>b</sup></b>	Ventiduesima bassa <i>ventiduesimaBassa</i>	U+E519	<i>Nur Unicode</i>
(	Left parenthesis for octave signs <i>octaveParensLeft</i>	U+E51A	<i>Nur Unicode</i>
(	Right parenthesis for octave signs <i>octaveParensRight</i>	U+E51B	<i>Nur Unicode</i>

## Taktartangaben & andere Ziffern

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
0...9	Time signature numbers 0...9 <i>timeSig0...9</i>	U+E080 ... E089	48...57
C	Common time <i>timeSigCommon</i>	U+E08A U+1D134	99
C	Cut time <i>timeSigCutCommon</i>	U+E08B U+1D135	67
2	Cut time à la J.S. Bach <i>timeSigCut2</i>	U+EC85	<i>Nur Unicode</i>
3	Cut triple time (9/8) <i>timeSigCut3</i>	U+EC86	<i>Nur Unicode</i>
+	Time signature + <i>timeSigPlus</i>	U+E08C	<i>Nur Unicode</i>
+	Time signature small + <i>timeSigSmallPlus</i>	U+E08D	246

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
×	Time signature multiply <i>timeSigMultiply</i>	U+E091	<i>Nur Unicode</i>
/	Time signature fraction slash <i>timeSigFractionalSlash</i>	U+E08E	<i>Nur Unicode</i>
=	Time signature equals <i>timeSigEquals</i>	U+E08F	<i>Nur Unicode</i>
—	Time signature minus <i>timeSigMinus</i>	U+E090	<i>Nur Unicode</i>
~	Open time signature (à la Penderecki) <i>timeSigOpenPenderecki</i>	U+E09D	<i>Nur Unicode</i>
X	Open time signature <i>timeSigX</i>	U+E09C	<i>Nur Unicode</i>
,	Time signature comma <i>timeSigComma</i>	U+E096	<i>Nur Unicode</i>
¼	Time signature fraction 1/4 <i>timeSigFractionQuarter</i>	U+E097	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: blue;">■</span> NovemberExtra	<span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
$\frac{1}{2}$	Time signature fraction 1/2 <i>timeSigFractionHalf</i>	U+E098	<i>Nur Unicode</i>
$\frac{3}{4}$	Time signature fraction 3/4 <i>timeSigFractionThreeQuarters</i>	U+E099	<i>Nur Unicode</i>
$\frac{1}{3}$	Time signature fraction 1/3 <i>timeSigFractionOneThird</i>	U+E09A	<i>Nur Unicode</i>
$\frac{2}{3}$	Time signature fraction 2/3 <i>timeSigFractionTwoThirds</i>	U+E09B	<i>Nur Unicode</i>
<i>X-Tolenziffern</i>			
<i>0...9</i>	Tuplet numbers 0...9 <i>tuplet0...9</i>	U+E880 ... E889	<i>Nur Unicode</i>
<i>Große Taktartangaben</i>			
<i>0...9</i>	Large time signature numbers (outside staff) <i>timeSig0Large... timeSig9Large</i>	U+F620 ... F629	48...57
<i>C</i>	Large common time <i>timeSigCommonLarge</i>	U+F62A (var.)	99

Glyphen Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Large cut time <i>timeSigCutCommonLarge</i>	U+F62B (var.) 67
<i>Gedrehte und gespiegelte Taktartangaben (Kanon-Notation)</i>		
	Reversed time signature numbers (canon notation) <i>timeSig0Reversed... timeSig9Reversed</i>	U+ECF0... ...ECF9 U+F630... ...F639 Nur Unicode
	Reversed common time (canon notation) <i>timeSigCommonReversed</i>	U+ECFA U+F63A Nur Unicode
	Reversed cut time (canon notation) <i>timeSigCutCommonReversed</i>	U+ECFA U+F63B Nur Unicode
	Turned time signature numbers (canon notation) <i>timeSig0Turned... timeSig9Turned</i>	U+ECE0... ...ECE9 U+F640... ...F649 Nur Unicode
	Turned common time (canon notation) <i>timeSigCommonTurned</i>	U+ECEA U+F64A Nur Unicode
	Turned cut time (canon notation) <i>timeSigCutCommonTurned</i>	U+ECEB U+F64B Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Klammern</i>			
(	Left parenthesis for whole time signature <i>timeSigParensLeft</i>	U+E094	<i>Nur Unicode</i>
)	Right parenthesis for whole time signature <i>timeSigParensRight</i>	U+E095	<i>Nur Unicode</i>
(	Left parenthesis for numerator only <i>timeSigParensLeftSmall</i>	U+E092	<i>Nur Unicode</i>
)	Right parenthesis for numerator only <i>timeSigParensRightSmall</i>	U+E093	<i>Nur Unicode</i>
[	Left bracket for whole time signature <i>timeSigBracketLeft</i>	U+EC80	<i>Nur Unicode</i>
]	Right bracket for whole time signature <i>timeSigBracketRight</i>	U+EC81	<i>Nur Unicode</i>
[	Left bracket for numerator only <i>timeSigBracketLeftSmall</i>	U+EC82	<i>Nur Unicode</i>


Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
]	Right bracket for numerator only <i>timeSigBracketRightSmall</i>	U+EC83	<i>Nur Unicode</i>
<i>Mittelalterliche und Renaissance-Mensurzeichen</i>			
⊙	Tempus perfectum cum prolatione perfecta (= 9/8) <i>mensuralProlation1</i>	U+E910 U+1D1C7	<i>Nur Unicode</i>
○	Tempus perfectum cum prolatione imperfecta (= 3/4) <i>mensuralProlation2</i>	U+E911 U+1D1C8	<i>Nur Unicode</i>
⊖	Tempus perfectum cum prolatione imperfecta diminutio-1 (= 3/8) <i>mensuralProlation3</i>	U+E912 U+1D1C9	<i>Nur Unicode</i>
⊕	Tempus perfectum cum prolatione perfecta diminutio-2 (= 9/16) <i>mensuralProlation4</i>	U+E913	<i>Nur Unicode</i>
⊙	Tempus imperfectum cum prolatione perfecta (= 6/8) <i>mensuralProlation5</i>	U+E914 U+1D1CA	<i>Nur Unicode</i>
⊙	Tempus imperfectum cum prolatione imperfecta (= 2/4) <i>mensuralProlation6</i>	U+E915 U+1D1CB	<i>Nur Unicode</i>



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
○	Tempus imperfectum cum prolatione imperfecta diminutio-1 (= 2/2) <i>mensuralProlation7</i>	U+E916 U+1D1CC	<i>Nur Unicode</i>
⊘	Tempus imperfectum cum prolatione perfecta diminutio-2 (= 6/16) <i>mensuralProlation8</i>	U+E917	<i>Nur Unicode</i>
⊘	Tempus imperfectum cum prolatione imperfecta diminutio-3 (= 2/2) <i>mensuralProlation9</i>	U+E918 U+1D1CD	<i>Nur Unicode</i>
⊘	Tempus imperfectum cum prolatione imperfecta diminutio-4 <i>mensuralProlation10</i>	U+E919 U+1D1CE	<i>Nur Unicode</i>
⊘	Tempus imperfectum cum prolatione imperfecta diminutio-5 <i>mensuralProlation10</i>	U+E91A	<i>Nur Unicode</i>
∅	Tempus perfectum <i>mensuralProportionTempusPerfectum</i>	U+E91B	<i>Nur Unicode</i>
⊖	Proportio dupla 1 <i>mensuralProportionProportioDupla1</i>	U+E91C	<i>Nur Unicode</i>
∅	Proportio dupla 2 <i>mensuralProportionProportioDupla2</i>	U+E91D	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Proportio tripla <i>mensuralProportionProportioTripla</i>	U+E91E	<i>Nur Unicode</i>
	Proportio quadrupla <i>mensuralProportionProportioQuadrupla</i>	U+E91F	<i>Nur Unicode</i>








# Tempoangaben

Diese Elemente können für kombinierte Tempoangaben wie  verwendet werden.



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Black note, short stem <i>textBlackNoteShortStem</i>	U+E1F0	<i>Nur Unicode</i>
	Black note, long stem <i>textBlackNoteLongStem</i>	U+E1F1	<i>Nur Unicode</i>
	Black note, fractional 8th beam, short stem <i>textBlackNoteFrac8thShortStem</i>	U+E1F2	<i>Nur Unicode</i>
	<i>Black note, fractional 8th beam, long stem</i> <i>textBlackNoteFrac8thLongStem</i>	U+E1F3	<i>Nur Unicode</i>
	Black note, fractional 16th beam, short stem <i>textBlackNoteFrac16thShortStem</i>	U+E1F4	<i>Nur Unicode</i>
	Black note, fractional 16th beam, long stem <i>textBlackNoteFrac16thLongStem</i>	U+E1F5	<i>Nur Unicode</i>
	Black note, fractional 32nd beam, long stem <i>textBlackNoteFrac32ndLongStem</i>	U+E1F6	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Continuing 8th beam for short stem <i>textCont8thBeamShortStem</i>	U+E1F7	<i>Nur Unicode</i>
	Continuing 8th beam for long stem <i>textCont8thBeamLongStem</i>	U+E1F8	<i>Nur Unicode</i>
	Continuing 16th beam for short stem <i>textCont16thBeamShortStem</i>	U+E1F9	<i>Nur Unicode</i>
	Continuing 16th beam for long stem <i>textCont16thBeamLongStem</i>	U+E1FA	<i>Nur Unicode</i>
	Continuing 32nd beam for long stem <i>textCont32ndBeamLongStem</i>	U+E1FB	<i>Nur Unicode</i>
	Augmentation dot <i>textAugmentationDot</i>	U+E1FC	<i>Nur Unicode</i>
	Tie <i>textTie</i>	U+E1FD	<i>Nur Unicode</i>
	Tuplet bracket start for short stem <i>textTupletBracketStartShortStem</i>	U+E1FE	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Tuplet number 3 for short stem <i>textTuplet3ShortStem</i>	U+E1FF	<i>Nur Unicode</i>
	Tuplet bracket end for short stem <i>textTupletBracketEndShortStem</i>	U+E200	<i>Nur Unicode</i>
	Tuplet bracket start for long stem <i>textTupletBracketStartLongStem</i>	U+E201	<i>Nur Unicode</i>
	Tuplet number 3 for long stem <i>textTuplet3LongStem</i>	U+E202	<i>Nur Unicode</i>
	Tuplet bracket end for long stem <i>textTupletBracketEndLongStem</i>	U+E203	<i>Nur Unicode</i>
	Tuplet colon <i>tupletColon</i>	U+E88A	<i>Nur Unicode</i>
	Double whole note (breve) <i>metNoteDoubleWhole</i>	U+ECA0	<i>Nur Unicode</i>
	Double whole note (square) <i>metNoteDoubleWholeSquare</i>	U+ECA1	<i>Nur Unicode</i>









Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Whole note (semibreve) <i>metNoteWhole</i>	U+ECA2	<i>Nur Unicode</i>
	Half note (minim) stem up <i>metNoteHalfUp</i>	U+ECA3	<i>Nur Unicode</i>
	Quarter note (crotchet) stem up <i>metNoteQuarterUp</i>	U+ECA5	<i>Nur Unicode</i>
	Eighth note (quaver) stem up <i>metNote8thUp</i>	U+ECA7	<i>Nur Unicode</i>
	16th note (semiquaver) stem up <i>metNote16thUp</i>	U+ECA9	<i>Nur Unicode</i>
	32nd note (demisemiquaver) stem up <i>metNote32ndUp</i>	U+ECAB	<i>Nur Unicode</i>
	Augmentation dot <i>metAugmentationDot</i>	U+ECB7	<i>Nur Unicode</i>

## Mittelalterliche Notation








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Custos/guidon/direct up <i>mensuralCustosUp</i>	U+EA02	67
	Custos/guidon/direct up <i>mensuralCustosUp</i>	U+F726	Nur Unicode
	Custos/guidon/direct down <i>mensuralCustosDown</i>	U+EA03	Nur Unicode
	Chant antiphon abbreviation <i>chantAntiphon</i>	U+F74C	65
	Chant verse abbreviation <i>chantVerse</i>	U+F74D	86
	Chant response abbreviation <i>chantResponse</i>	U+F74E	82
	Caesura <i>chantCaesura</i>	U+E8F8	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
,	Virgula <i>chantVirgula</i>	U+E8F7	<i>Nur Unicode</i>
⋮	Signum congruentiae up <i>mensuralSignumUp</i>	U+EA00	<i>Nur Unicode</i>
↓	Plainchant custos, stem up, lowest position <i>chantCustosStemUpPosLowest</i>	U+EA04	<i>Nur Unicode</i>
↓	Plainchant custos, stem up, low position <i>chantCustosStemUpPosLow</i>	U+EA05	<i>Nur Unicode</i>
↓	Plainchant custos, stem up, middle position <i>chantCustosStemUpPosMiddle</i>	U+EA06	<i>Nur Unicode</i>
✓	Checkmark custos <i>mensuralCustosCheckmark</i>	U+EA0A	<i>Nur Unicode</i>
▪	<i>Podatus, lower</i> <i>chantPodatusLower</i>	U+E9B0	<i>Nur Unicode</i>
▪	<i>Podatus, upper</i> <i>chantPodatusUpper</i>	U+E9B1 U+1D1D4	<i>Nur Unicode</i>



Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Punctum deminutum, upper <i>chantDeminutumUpper</i>	U+E9B2	<i>Nur Unicode</i>
	Punctum deminutum, lower <i>chantDeminutumLower</i>	U+E9B3	<i>Nur Unicode</i>
	Line, ascending 2nd... 6th <i>chantEntryLineAsc2nd...6th</i>	U+E9B4... U+E9B7	<i>Nur Unicode</i>
	Ligated stroke, descending 2nd <i>chantLigaturaDesc2nd</i>	U+E9B9	<i>Nur Unicode</i>
	Ligated stroke, descending 3rd <i>chantLigaturaDesc3rd</i>	U+E9BA	<i>Nur Unicode</i>
	Ligated stroke, descending 4th <i>chantLigaturaDesc4th</i>	U+E9BB	<i>Nur Unicode</i>
	Ligated stroke, descending 5th <i>chantLigaturaDesc5th</i>	U+E9BC	<i>Nur Unicode</i>
	Strophicus liquescens, 2nd <i>chantStrophicusLiquescens2nd</i>	U+E9C2	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
↓	Black mensural minima <i>mensuralBlackMinima</i>	U+E954 U+1D1BC	<i>Nur Unicode</i>
↓	Black mensural semiminima <i>mensuralBlackSemiminima</i>	U+E955	<i>Nur Unicode</i>
■	Black mensural brevis <i>mensuralBlackBrevis</i>	U+E952	<i>Nur Unicode</i>
◆	Black mensural semibrevis <i>mensuralBlackSemibrevis</i>	U+E953 U+1D1BA	<i>Nur Unicode</i>
↑	Black mensural semibrevis caudata <i>mensuralBlackSemibrevisCaudata</i>	U+E959	<i>Nur Unicode</i>
↓	Black mensural dragma <i>mensuralBlackDragma</i>	U+E95A	<i>Nur Unicode</i>
↙	Black mensural oblique semibrevis <i>mensuralBlackSemibrevisOblique</i>	U+E95B	<i>Nur Unicode</i>
◆	Punctum inclinatum auctum <i>chantPunctumInclinatumAuctum</i>	U+E992	<i>Nur Unicode</i>








Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Punctum auctum, ascending <i>chantAuctumAsc</i>	U+E994	<i>Nur Unicode</i>
	Punctum auctum, descending <i>chantAuctumDesc</i>	U+E995	<i>Nur Unicode</i>
	Punctum virga <i>chantPunctumVirga</i>	U+E996 U+1D1D3	<i>Nur Unicode</i>
	Quilisma <i>chantQuilisma</i>	U+E99B	<i>Nur Unicode</i>
	Oriscus ascending <i>chantOriscusAscending</i>	U+E99C	<i>Nur Unicode</i>
	Oriscus descending <i>chantOriscusDescending</i>	U+E99D	<i>Nur Unicode</i>
	Strophicus <i>chantStrophicus</i>	U+E99F	<i>Nur Unicode</i>




## Verschiedene Symbole

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
<i>Wiederholungszeichen</i>			
	Repeat bar (no points) <i>repeatBarNoPoints</i>	U+F6DE	173
	Repeat last bar <i>repeat1Bar</i>	U+E500 U+1D10E	212
	Repeat last two bars <i>repeat2Bars</i>	U+E501 U+1D10F	217
	Repeat last four bars <i>repeat4Bars</i>	U+E502	126
	Left (start) repeat sign <i>repeatLeft</i>	U+E040 U+1D106	<i>Nur Unicode</i>
	Right (start) repeat sign <i>repeatRight</i>	U+E041 U+1D107	<i>Nur Unicode</i>








Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
⋮	Repeat dots <i>repeatDots</i>	U+E043 U+1D108	<i>Nur Unicode</i>
⋅	Repeat dot <i>repeatDot</i>	U+E044	<i>Nur Unicode</i>
<i>Segnos</i>			
⊘	Coda <i>coda</i>	U+E048 U+1D10C	222
⌘	Segno (repeat) <i>segno</i>	U+E047 U+1D10B	37
⌘	Segno (rotated, Japanese style) <i>segnoJapanese</i>	U+F404 (var.)	66
⊘	Coda (Japanese style) <i>codaJapanese</i>	U+F405	130
⊞	Square coda <i>codaSquare</i>	U+E049	<i>Nur Unicode</i>

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	"Serpent" segno1 <i>segnoSerpent1</i>	U+E04A	159
	"Serpent" segno with vertical lines <i>segnoSerpent2</i>	U+E04B	73
	Small segno "serpent" <i>segnoSerpentSmall</i>	U+F747	74
	Segno for canon 1 <i>segnoCanonico1</i>	U+F727	Nur Unicode
	Segno for canon 2 <i>segnoCanonico2</i>	U+F728	Nur Unicode
<i>Klammern</i>			
	Brace <i>brace</i>	U+E000	162
	Reversed brace <i>reversedBrace</i>	U+E001	163

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Brace (small) <i>braceSmall</i>	U+F400	<i>Nur Unicode</i>
	Brace (large) <i>braceLarge</i>	U+F401	<i>Nur Unicode</i>
	Brace (larger) <i>braceLarger</i>	U+F402	<i>Nur Unicode</i>
	Brace (flat) <i>braceFlat</i>	U+F403	<i>Nur Unicode</i>
	Bracket <i>bracket</i>	U+E002	<i>Nur Unicode</i>
	Bracket top <i>bracketTop</i>	U+E003	164
	Bracket bottom <i>bracketBottom</i>	U+E004	165

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Reversed bracket top <i>reversedBracketTop</i>	U+E005	<span style="color: blue;">166</span>
	Reversed bracket bottom <i>reversedBracketBottom</i>	U+E006	<span style="color: blue;">167</span>
Akkoladentrennzeichen			
	System divider <i>systemDivider</i>	U+E007	<i>Nur Unicode</i>
	Long system divider <i>systemDividerLong</i>	U+E008	<i>Nur Unicode</i>
	Extra Long system divider <i>systemDividerExtraLong</i>	U+E009	<i>Nur Unicode</i>
	Split bar divider <i>splitBarDivider</i>	U+E00A	<i>Nur Unicode</i>
Stimmenangaben (Wiener Schule)			
	Hauptstimme <i>analyticsHauptstimme</i>	U+E860	<span style="color: blue;">72</span>

















Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	<span style="color: blue;">■</span> NovemberExtra
	Nebensstimme <i>analyticsNebensstimme</i>	U+E861	78
	Choralmelodie (Berg) <i>analyticsChoralmelodie</i>	U+E86A	<i>Nur Unicode</i>
	Hauptrhythmus (Berg) <i>analyticsHauptrhythmus</i>	U+E86B	<i>Nur Unicode</i>
	Start of Stimme <i>analyticsStartStimme</i>	U+E862	91
	End of Stimme <i>analyticsEndStimme</i>	U+E863	93
<i>Pfeile</i>			
	Staff divide arrow down <i>staffDivideArrowDown</i>	U+E00B	74
	Staff divide arrow up <i>staffDivideArrowUp</i>	U+E00C	37

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
↓	Arrow down <i>handbellsSwingDown</i>	U+E819	35
↑	Arrow up <i>handbellsSwingUp</i>	U+E818	34
↕	Arrows up & down <i>handbellsSwing</i>	U+E81A	33
↔	Staff divide arrow up & down <i>staffDivideArrowUpDown</i>	U+E00D	<i>Nur Unicode</i>
▲	Black arrowhead (N) <i>arrowheadBlackUp</i>	U+EB78	<i>Nur Unicode</i>
↗	Black arrowhead (NE) <i>arrowheadBlackUpRight</i>	U+EB79	<i>Nur Unicode</i>
➤	Black arrowhead (E) <i>arrowheadBlackRight</i>	U+EB7A	<i>Nur Unicode</i>









Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		<span style="color: magenta;">■</span> einzigartig <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra	
◄	Black arrowhead (SE) <i>arrowheadBlackDownRight</i>	U+EB7B	<i>Nur Unicode</i>
▼	Black arrowhead (S) <i>arrowheadBlackDown</i>	U+EB7C	<i>Nur Unicode</i>
◄	Black arrowhead (SW) <i>arrowheadBlackDownLeft</i>	U+EB7D	<i>Nur Unicode</i>
◄	Black arrowhead (W) <i>arrowheadBlackLeft</i>	U+EB7E	<i>Nur Unicode</i>
◄	Black arrowhead (NW) <i>arrowheadBlackUpLeft</i>	U+EB7F	<i>Nur Unicode</i>
△	White arrowhead (N) <i>arrowheadWhiteUp</i>	U+EB80	<i>Nur Unicode</i>
◄	White arrowhead (NE) <i>arrowheadWhiteUpRight</i>	U+EB81	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
▷	White arrowhead (E) <i>arrowheadWhiteRight</i>	U+EB82	<i>Nur Unicode</i>
△	White arrowhead (SE) <i>arrowheadWhiteDownRight</i>	U+EB83	<i>Nur Unicode</i>
▽	White arrowhead (S) <i>arrowheadWhiteDown</i>	U+EB84	<i>Nur Unicode</i>
▷	White arrowhead (SW) <i>arrowheadWhiteDownLeft</i>	U+EB85	<i>Nur Unicode</i>
△	White arrowhead (W) <i>arrowheadWhiteLeft</i>	U+EB86	<i>Nur Unicode</i>
▷	White arrowhead (NW) <i>arrowheadWhiteUpLeft</i>	U+EB87	<i>Nur Unicode</i>
<i>Dirigierzeichen</i>			
↓	Strong beat or cue <i>conductorStrongBeat</i>	U+E890	<i>Nur Unicode</i>



Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) ■ einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Left-hand beat or cue <i>conductorLeftBeat</i>	U+E891	<i>Nur Unicode</i>
	Right-hand beat or cue <i>conductorRightBeat</i>	U+E892	<i>Nur Unicode</i>
	Weak beat or cue <i>conductorWeakBeat</i>	U+E893	<i>Nur Unicode</i>
	Beat 2, simple time <i>conductorBeat2Simple</i>	U+E894	<i>Nur Unicode</i>
	Beat 3, simple time <i>conductorBeat3Simple</i>	U+E895	<i>Nur Unicode</i>
	Beat 4, simple time <i>conductorBeat4Simple</i>	U+E896	<i>Nur Unicode</i>
	Beat 2, compound time <i>conductorBeat2Compound</i>	U+E897	<i>Nur Unicode</i>

Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="color: black;">■</span> November <span style="color: blue;">■</span> NovemberExtra
	Beat 3, compound time <i>conductorBeat3Compound</i>	U+E898	Nur Unicode
	Beat 4, compound time <i>conductorBeat4Compound</i>	U+E899	Nur Unicode
Andere			
	5-line staff <i>staff5LinesWide</i>	U+E01A	36
	Rotate sign (clockwise) <i>rotateClockwise</i>	<span style="color: magenta;">U+F6DB</span>	Nur Unicode
	Rotate sign (anti-clockwise) <i>rotateAntiClockwise</i>	<span style="color: magenta;">U+F6DC</span>	Nur Unicode
	Five-pointed star <i>fivePointedStar</i>	<span style="color: magenta;">U+F740</span>	<span style="color: blue;">42</span>
	Five-pointed star with hole <i>fivePointedStarWithHole</i>	<span style="color: magenta;">U+F742</span>	Nur Unicode

Glyph	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL)	Alte Nr. [32...255]
		■ einzigartig	■ November ■ NovemberExtra
=	Equal sign <i>equal</i>	U+F749	61
≈	Approximately equal sign (circa) <i>circa</i>	U+F74A	61
∞	Infinity sign <i>infinitySign</i>	U+F74B	64
⋯	Dashed barline <i>barlineDashed</i>	U+E036 U+1D104	36
- -	Horizontal dashed line <i>horizontalDashedLine</i>	U+F750	68
⋯⋯	Horizontal dotted line <i>horizontalDottedLine</i>	U+F751	69
	Vertical dashed line <i>verticalDashedLine</i>	U+F755	97

Glyph Glyphenname	Beschreibung Glyphenname	Unicode (SMuFL) einzigartig	Alte Nr. [32...255] ■ November ■ NovemberExtra
	Vertical dotted line <i>verticalDottedLine</i>	U+F756	98
	Stem <i>stem</i>	U+E210 U+1D165	92
	Large stem <i>largeStem</i>	U+F754	81
	Ascending small slash <i>slashUpSmall</i>	U+F745	71
	Beams of different lengths for accel. and rit. <i>beamAccelRit1...15, beamAccelFinal</i>	U+EAF4 to U+EB03	Nur Unicode
	Attention! <i>attentionSign</i>	U+F74F	Nur Unicode
	Eyeglasses <i>miscEyeglasses</i>	U+EC62	192
	Eyeglasses (right) <i>miscEyeglassesRight</i>	U+F743	Nur Unicode



Glyphe	Beschreibung <i>Glyphenname</i>	Unicode (SMuFL) <span style="color: magenta;">■</span> einzigartig	Alte Nr. [32...255] <span style="background-color: black; color: black;">■</span> November <span style="background-color: blue; color: blue;">■</span> NovemberExtra
	Eyeglasses (big focus!) <i>miscEyeglassesBigFocus</i>	<span style="color: magenta;">U+F744</span>	<i>Nur Unicode</i>
	Do not photocopy! <i>miscDoNotPhotocopy</i>	U+EC60	<i>Nur Unicode</i>

# Partiturbeispiele

(Alle Beispiele wurden mit Finale 2014 und November2 als einzigem Musikzeichensatz gesetzt.)

## LE CHANT DES OYSEAULX

Clemens Janequinus (1485 - 1558) fecit

Superius  
Contra  
Tenor  
Bassus

*Ré-veil-lez-vous cœurs en - dor - mis, cœurs en - dor - mis, Le*

*mis, Le dieu d'a - mour vous son - ne. Ré-veillez - vous! Ré-veil-lez-*

*dieu d'a - mour vous so - ne. Ré-veillez vous cœurs en - dor -*

*mour vous so - ne. Ré-veil-lez-vous cœurs en - dor - mis,*

*Ré-veil-lez-vous cœurs en - dor - mis, Cœurs en - dor -*

*vous cœurs en - dor - mis, Le dieu d'a - mour vous son - ne !*

*mis, Le dieu d'a-mourvous son - ne !*

*Le dieu d'a - mourvous son - ne. Le dieu d'a - mour vous son - ne !*

*mis, Cœurs en - dor - mis le dieu d'a-mour vous son - ne !*

# PREMIER ORDRE

François Couperin (1668 - 1733)

Ornements  
pour diversifier  
la Gavotte précédente  
sans changer la Basse.

Musical notation for the first system (measures 1-4). The treble clef contains a melody with various ornaments (trills, mordents, grace notes) and slurs. The bass clef provides a simple accompaniment with chords and moving lines.

Musical notation for the second system (measures 5-8). The treble clef continues the melodic line with ornaments and slurs. The bass clef accompaniment remains consistent with the previous system.

Musical notation for the third system (measures 9-12). The treble clef continues the melodic line with ornaments and slurs. The bass clef accompaniment remains consistent with the previous system.

Musical notation for the fourth system (measures 13-16). The treble clef continues the melodic line with ornaments and slurs. The bass clef accompaniment remains consistent with the previous system.

Musical notation for the fifth system (measures 17-20). The treble clef continues the melodic line with ornaments and slurs. The bass clef accompaniment remains consistent with the previous system, ending with a final cadence.

## Canon à 4. voc: perpetuus et alii

Dieses wenige wolte dem Herrn  
Besizer su geneigtem An-  
gedencken hier einzeichnenach,  
*Joh: Sebast. Bach*  
Fürstlich Sächsischer HoffOrg. v.  
Cammer Musicus

Two staves of musical notation in G major, 4/4 time. The first staff begins with a forte (f) dynamic and features a melodic line with various ornaments. The second staff continues the piece, ending with a forte (f) dynamic.

Weimar, den 2. Aug: 1713

### Canon à 4

Two staves of musical notation in G major, 4/4 time. The first staff contains a simple melodic line. The second staff shows a more complex texture with multiple voices.

dédié à Monsieur Houdemann  
et composé par *J. S. Bach*

### Canon à 2 cancrizans

Three staves of musical notation in G major, 4/4 time. The first two staves show a simple melodic line. The third staff features a more complex texture with multiple voices.

### Canon à 2 per Augmentationem et contrario Motu

Four staves of musical notation in G major, 4/4 time. The first two staves show a simple melodic line. The third and fourth staves feature a more complex texture with multiple voices, including a section with a wavy line above the notes.

# LYRISCHE SUITE

## I

### Allegretto gioviale

Alban Berg  
(1885-1935)

1. Geige

2. Geige

Bratsche

Violoncello

1.  $\text{♩} = 100$  (Tempo I)

2. *poco f*

3. *mf* *fp* *mp*

4. *f* *fp* *mf* *pp* (Echo) *poco mar-*

5. *poco pesante*

6. *pp* *mp*

7. *1. Gg. fortsetzend* *pp* *poco f* *poco f*

8. *a tempo* *p* *poco* *molto p* *mp*

9. *cato* *pizz.* *p*

# SHÉHÉRAZADE

Trois Poèmes de TRISTAN KLINGSOR

## I Asie

MAURICE RAVEL (1875 - 1937)

à Mademoiselle JEANE HATTO

Très lent (♩ = 40)

CHANT

PIANO

*pp*

A - sie, —

*en dehors*

Un peu plus vite (♩ = 60)

4

A - sie, A - sie.

8

3

1

3

3

3

cédez

*f*

*ped.*

6

1

*p*

3

3

cédez

Vieux pa - ys mer - veil - leux des con - tes de nour -

6

1° Tempo (suivez)

*pp*

# CIRCUMAMBULATION

for solo flute

Yan MARESZ

1993, rév. 2014  
(excerpt, page 4)

*mf* *mp* *mf* *mp* *mp*

*mf* *f* *sfz* *f* *f*

*ff* *sfz* *f* *pp* *ff* *f* *pp* *ff*

*mf* *p* *ff* *mf* *p*

*f* *sfz* *f* *sfz* *f* *sfz*

*f* *sfz* *f* *sfz* *f*

*f* *mf* *sfz* *f*

*sfz* *f* *sfz* *f*

*(gliss)*

*(allonger progressivement le do aigu)*

with the composer's permission.

# Anforderungen & Installation

November 2 wird mit erweiterter Unterstützung für Finale, Dorico, Sibelius und LilyPond ausgeliefert. Im Paket enthalten sind selbstverständlich die Schriftdateien **November2.otf** (der Hauptzeichensatz, welcher November 2 darstellt), **November.otf** und **NovemberExtra.otf** (die Musikzeichensätze aus November 1.0) und wichtige Software-Komponenten für die unterstützten Programme, wie Bibliotheken, Startdokumente, Plug-Ins, Stilvorlagen und Snippets.

Unten finden Sie Konfigurationsdetails für alle Kombinationen von Software, Version und Plattform.

Das Installationsprogramm funktioniert mit MacOS X ab 10.4 und unter Windows ab XP.

## Finale

### Finale 2012 und neuer (Macintosh & Windows)

Mit Finale 2012 und neuer haben Sie vollen Zugriff auf alle 1200+ Glyphen von November2, die beste Kompatibilität erhalten Sie mit Finale 2014 aufgrund der erweiterten Unicode-Unterstützung. Verglichen mit anderen Notationsprogrammen war Finale schon immer besonders kooperativ bei der Verwendung von Zeichensätzen von Drittherstellern.

### Vor Finale 2012

Da ältere Versionen von Finale Unicode noch nicht unterstützen, kann November2 nicht direkt verwendet werden. November und NovemberExtra können aber benutzt werden. Wegen dieser Situation wurde der Zeichenvorrat von NovemberExtra im Vergleich zur Version 1.0 erweitert, um so viele neue Symbole wie möglich aufzunehmen. Dadurch gibt es Zugriff auf etwa 450 Symbole (November + NovemberExtra). Um es ganz klar auszudrücken: Symbole, die als „Nur Unicode“ gekennzeichnet sind, können mit Finale-Versionen vor 2012 nicht verwendet werden.

Um November in dieser begrenzten Art nutzen zu können, enthält das November 2-Paket auch alte Komponenten (Vorlagen und Bibliotheken) für Finale-Versionen zurück bis Finale 2001.

## Dorico

November 2 ist vollständig kompatibel mit Steinbergs Notensatzprogramm Dorico, da dieses SMuFL von vorne herein benutzt. Insbesondere werden die Metadaten ausgewertet.

## Sibelius

### Sibelius 6, 7, 7.5 und neuer, nur Macintosh

Die Kompatibilität ist nicht so optimal wie bei Finale 2014, aber es gibt funktionierende Lösungen. Die Situation ist ähnlich wie bei Finale-Versionen vor 2012: es müssen November und NovemberExtra verwendet werden, weil Sibelius (Stand 7.5.1) nicht auf Musiksymbole jenseits des „Symbol“-Bereichs [32...255] zugreifen kann. Durch die Ver-



wendung der alten Zeichensätze November und NovemberExtra haben Sie schon einmal Zugriff auf 450 Symbole, plus einige weitere, die durch Kombination<sup>1</sup> mithilfe von Sibelius' Musiksymbolerstellungssystem erreicht werden können.

Um auf alle in November2 enthaltenen Symbole zuzugreifen - die Unicode-Symbole -, können Sie diese direkt als Text eingeben. Das ist zwar etwas umständlich aber durchaus nutzbar.

Um die Anwendung zu vereinfachen, haben wir ein spezielles November-Plug-In für Sibelius entworfen, das Partiturobjekte wie Dynamikangaben nach der Konversion aufräumt.

Wir hoffen, dass Sibelius in naher Zukunft Unicode/SMuFL-Zeichensätze korrekt handhabt, wodurch sich die Verwendung von November2<sup>2</sup> und der Zugriff auf all seine Zeichen vereinfachen würde.

## Sibelius Windows

Ein Fehler in Sibelius für Windows verhindert, dass beliebige Zeichensätze von Drittherstellern korrekt verwendet werden, so dass wir diese Plattform leider nicht unterstützen können, bis dies in Sibelius korrigiert ist - es tut uns leid!

## LilyPond

### 2.18.2 und neuer

Für die Verwendung des Zeichensatzes fügt das Installationsprogramm von November 2 einige spezielle Snippets „.ly“ im /share-Verzeichnis von LilyPond hinzu. Auf diese Art und Weise können alle 1300+ Symbole mit verschiedenen Eingabemethoden genutzt werden.

Unter Windows und am Macintosh kann das normale Installationsprogramm dazu verwendet werden, die Dateien an den richtigen Ort zu kopieren (was wir empfehlen), oder Sie kopieren sie selbst aus dem Ordner „November 2“.

Linux-Anwender können ein spezielles Skript verwenden, das im Ordner „November 2 Music Font/LilyPond“ liegt.

Die LilyPond-Snippets von November 2 bieten die grundlegende Unterstützung der gängigen Musiknotation. Natürlich können erfahrene Anwender diese Snippets entsprechend ihren Anforderungen ändern und erweitern, um den Zugriff auf seltener gebrauchte Symbole zu erhalten. Der Zugriff auf die November2-Symbole ist ziemlich einfach.

## Installation

Egal welche Version von Finale, Sibelius<sup>3</sup> oder LilyPond<sup>4</sup> Sie verwenden, das Installationsprogramm von November 2 platziert automatisch alle benötigten Dateien am richtigen Ort.

Das Installationsprogramm erstellt auch einen Ordner **November 2 Music Font** im **Benutzerverzeichnis** (Macintosh) bzw. im Ordner **Dokumente** (Windows). In diesem Ordner

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1 Z. B. Akkordeonregisterzeichen.

2 und über November2 hinaus aller SMuFL-konformen Zeichensätze.

3 Momentan nur Macintosh (siehe Abschnitt über Sibelius).

4 Sofern Sie LilyPond unter Linux betreiben, müssen Sie das Skript `install_november2.sh` verwenden, das Sie im Ordner `November 2/LilyPond` finden.

befinden sich die Dokumentation sowie alle zum Paket gehörenden Dateien. Sie können das als Backup betrachten.

Sofern Sie November 1.0 installiert haben, werden alle „alten“ Dateien in einen Backup-Ordner innerhalb des Ordners November 2 verschoben, es geht also nichts verloren.

Abgesehen von den Zeichensätzen werden für jedes Programm wichtige Komponenten installiert, die für die Verwendung von November 2 notwendig sind. Für Finale z. B. erhalten Sie viele Bibliotheken mit vordefinierten Artikulationen, Vortragsbezeichnungen oder Intelligenten Zeichen für verschiedene Situationen: Barock, Avant-Garde, Perkussion, Akkordeon, Jazz usw.

*Hinweis: Sie benötigen Administratorrechte, um November 2 korrekt zu installieren.*

## Kostenloser technischer Support

### E-Mail-Support

Mit dem Kauf von November 2 erhalten Sie kostenlosen E-Mail-Support unter:

[november@klemmhotline.de](mailto:november@klemmhotline.de)

(auf deutsch, oder englisch).

Wenn also etwas schief geht oder Sie Fragen zur Verwendung von November 2 haben, werden Sie nicht allein gelassen.

### Kostenfreie Aktualisierungen

Wir möchten, dass Sie mit unserem Musikzeichensatz zufrieden sind. Aktualisierte Installationspakete stehen während der Lebensdauer von November 2 für registrierte Anwender zur Verfügung.



# Über den Designer

Komponist und Pianist Robert Piéchaud ist Experte für Musiknotation, Musikzeichensatzgestaltung und Programmierung.

Zu Roberts Beiträgen zur Technologie des Notensatzes gehören: Finales Funktionen „Dokumente verbinden“, FinaleScript und Wiedergabestilistik, das Plug-In [Medieval](#), die Zeichensätze Neuma, November, Broadway Copyist und Bärenreiter Urtext sowie in letzter Zeit die Entwicklung von IRCAMs Modalys (Klangsynthese basierend auf physikalischen Modellen) und aktiven Echtzeit-Instrumentkontrollsystemen.



## Danksagung

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