

# Gentium Plus - Font Features

Gentium Plus is an OpenType-enabled font family that supports the Latin, Cyrillic, and Greek scripts. It includes a number of optional features that may be useful or required for particular uses or languages. This document lists all the available features.

These OpenType features are primarily specified using four-letter tags (e.g. 'cv17'), although some applications may provide a direct way to control certain common features such as small caps. For more information on how to access OpenType features in specific environments and applications, see [Using Font Features](#).

*Please note that Graphite support has been removed in the current release, but continues to be available in the version 5 fonts. See our [Previous Versions archive](#).*

This page uses web fonts (WOFF2) to demonstrate font features and should display correctly in all modern browsers. For a more concise example of how to use Charis SIL as a web font see [Gentium Plus Webfont Example](#). For detailed information see [Using SIL Fonts on Web Pages](#).

*If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.*

## Complete feature list

### Stylistic alternates

#### Small caps from lowercase

Affects: all lowercase letters with capital equivalents

Feature	Sample	Feature setting
Standard	a ... Z (all letters with capital equivalents)	smcp=0
Small caps	A ... Z (all letters with capital equivalents)	smcp=1

#### Small caps from capitals

Affects: all capitals

Feature	Sample	Feature setting
Standard	A ... Z (all capitals)	c2sc=0
Small caps	A ... Z (all capitals)	c2sc=1





## Eng

Affects: U+014A

Feature	Sample	Feature setting
Standard	Ŋ	cv43=0
Lowercase style on baseline	ŋ	cv43=1
Uppercase style with descender	Ŋ̣	cv43=2
Alt. lowercase style on baseline	ŋ̣	cv43=3

## N left hook

Affects: U+019D

Feature	Sample	Feature setting
Standard	Ń	cv44=0
Lowercase-style	ń	cv44=1

## Open-O

Affects: U+0186 U+0254 U+1D10 U+1D53 U+1D97

Feature	Sample	Feature setting
Standard	Ɔ ɔ ɔ ɔ ɔ ɔ	cv46=0
Top serif	Ɔ ɔ ɔ ɔ ɔ ɔ	cv46=1

## OU

Affects: U+0222 U+0223 U+1D3D U+1D15

Feature	Sample	Feature setting
Standard	ɔ ɔ ɔ ɔ	cv47=0
Open	ɔ ɔ ɔ ɔ	cv47=1

## p hook

Affects: U+01A5

Feature	Sample	Feature setting
Standard	Ɔ	cv49=0
Right hook	Ɔ	cv49=1

## R tail

Affects: U+2C64

Feature	Sample	Feature setting
Standard	Ŕ	cv55=0
Lowercase-style	ŕ	cv55=1

## T hook

Affects: U+01AC

Feature	Sample	Feature setting
Standard	Ṯ	cv57=0
Right hook	Ṯ̃	cv57=1

## V hook

Affects: U+01B2 U+028B U+1DB9

Feature	Sample	Feature setting
Standard	Ṫ ṽ ṽ̂	cv62=0
Straight with low hook	Ṫ̃ ṽ̃ ṽ̃̂	cv62=1
Straight with high hook	Ṫ̂ ṽ̂ ṽ̂̂	cv62=2

## Y hook

Affects: U+01B3

Feature	Sample	Feature setting
Standard	Ṳ	cv68=0
Left hook	Ṳ̃	cv68=1

## Ezh

Affects: U+01B7 U+04E0

Feature	Sample	Feature setting
Standard	Ʒ Ʒ	cv20=0
Reversed sigma	Ʒ̃ Ʒ̃	cv20=1

## ezh curl

Affects: U+0293

Feature	Sample	Feature setting
Standard	Ʒ̣	cv19=0
Large bowl	Ʒ̣̣	cv19=1

## rams horn

Affects: U+0264

Feature	Sample	Feature setting
Standard	ʁ	cv25=0
Large bowl	ϣ	cv25=1
Small gamma	ɣ	cv25=2

## Diacritic and symbol alternates

### Vietnamese-style diacritics

Affects: U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EAA U+1EAB U+1EAE U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EBE U+1EBF U+1EC0 U+1EC1 U+1EC2 U+1EC3 U+1EC4 U+1EC5 U+1ED0 U+1ED1 U+1ED2 U+1ED3 U+1ED4 U+1ED5 U+1ED6 U+1ED7

Feature	Sample	Feature setting
Standard	Áá Àà Ăă Ãã Ää Åå Ææ Èè Êê Ëë Óó Ôò Õõ Ỡỡ	cv75=0
Vietnamese-style	Ăă Ææ Ăă Ãã Ää Åå Ææ Èè Êê Ëë Óó Ôò Õõ Ỡỡ	cv75=1

### Kayan diacritics

Affects: U+0300 U+0301

Feature	Sample	Feature setting
Standard	◌̣	cv79=0
Side by side	◌̣̣	cv79=1

### Ogonek

Affects: U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED

Feature	Sample	Feature setting
Standard	anything with ◌̇ (Ąą Ęę Ĺĺ Ųų Ų̇ų Ų̇̇)	cv76=0
Straight	anything with ◌̣ (Ąą Ęę Ĺĺ Ųų Ų̇ų Ų̇̇)	cv76=1

### Caron

Affects: U+010F U+013D U+013E U+0165

Feature	Sample	Feature setting
Standard	đ Ľ ľ ǣ	cv77=0
Global-style	ǎ Ľ ĺ ǵ	cv77=1

## Modifier apostrophe

Affects: U+02BC U+A78B U+A78C

Feature	Sample	Feature setting
Standard	’ † †	cv70=0
Large	’ † †	cv70=1

## Modifier colon

Affects: U+A789

Feature	Sample	Feature setting
Standard	:	cv71=0
Expanded	:	cv71=1

## Empty set

Affects: U+2205

Feature	Sample	Feature setting
Standard	∅	cv98=0
Zero-style	∅	cv98=1

## Cyrillic alternates

There are also Cyrillic characters affected by the “Ezh” and “Small capitals” features. Some languages may also use the “Modifier apostrophe”.

## Cyrillic E

Affects: U+042D U+044D

Feature	Sample	Feature setting
Standard	Ә Ә	cv80=0
Mongolian-style	Ә Ә	cv80=1

## Cyrillic shha

Affects: U+04BB

Feature	Sample	Feature setting
Standard	Һ	cv81=0
Uppercase-style	Һ	cv81=1



## beta

Affects: U+03B2 U+1D66 U+1D5D

Feature	Sample	Feature setting
Standard	β β β	cv14=0
With serifs	β β β	cv14=1

## Tone alternates

### Chinantec tones

Affects: U+02CB U+02C8 U+02C9 U+02CA

Feature	Sample	Feature setting
Standard	˘ ˘ ˘ ˘	cv90=0
Chinantec-style	˘ ˘ ˘ ˘	cv90=1

## Tone numbers

Affects: U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712 U+A713 U+A714 U+A715 U+A716

Feature	Sample	Feature setting
Standard	ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ	cv91=0
Numbers	5 4 3 2 1 5 4 3 2 1	cv91=1

## Hide tone contour staves

Affects: U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712 U+A713 U+A714 U+A715 U+A716

Feature	Sample	Feature setting
Standard	ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ ᵀ (∧ ∧)	cv92=0
Hide staves	- - - - - (∧ ∧)	cv92=1

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