

Gentium - Character Set Support

This font supports over 2,700 characters from [The Unicode Standard](#) as well as a number of [Private Use Area \(PUA\)](#) characters. In total, over 4,200 glyphs are included, supporting stylistic alternates for a number of characters as well as a large number of ligated sequences (e.g., contour tone letters used in phonetic transcription of tonal languages).

Supported characters

The following character ranges are supported by this font:

| | |
|---|--|
| C0 Controls and Basic Latin | U+0020..U+007E |
| C1 Controls and Latin-1 Supplement | U+00A0..U+00FF |
| Latin Extended-A | U+0100..U+0148, U+014A..U+017F |
| Latin Extended-B | U+0180..U+024F |
| IPA Extensions | U+0250..U+02AF |
| Spacing Modifier Letters | U+02B0..U+02FF |
| Combining Diacritical Marks | U+0300..U+0320, U+0323..U+033F, U+0346..U+036F |
| Greek and Coptic | U+0370..U+0377, U+037A..U+037F, U+0384..U+038A, U+038C, U+038E..U+03E1, U+03F0..U+03FF |
| Cyrillic | U+0400..U+045F, U+0462..U+0463, U+0472..U+0475, U+048A..U+04FF |
| Cyrillic Supplementary | U+0500..U+052F |
| Combining Diacritical Marks Extended | U+1AB0..U+1ABA |
| Phonetic Extensions | U+1D00..U+1D7F |
| Phonetic Extensions Supplement | U+1D80..U+1DBF |
| Combining Diacritical Marks Supplement | U+1DC2, U+1DC4..U+1DCD, U+1DF5, U+1DFD..U+1DFF |
| Latin Extended Additional | U+1E00..U+1EFF |
| Greek Extended | U+1F00..U+1F15, U+1F18..U+1F1D, U+1F20..U+1F45, U+1F48..U+1F4D, U+1F50..U+1F57, U+1F59, U+1F5B, U+1F5D, U+1F5F..U+1F7D, U+1F80..U+1FB4, U+1FB6..U+1FC4, U+1FC6..U+1FD3, U+1FD6..U+1FDB, U+1FDD..U+1FEF, U+1FF2..U+1FF4, U+1FF6..U+1FFE |
| General Punctuation | U+2000..U+2030, U+2032..U+203B, U+203C, U+203F.. U+2041, U+2044, U+2053, U+2057, U+2060..U+2063, U+206A..U+206F |
| Superscripts and Subscripts | U+2070..U+2071, U+2074..U+208E, U+2090..U+209C |
| Currency Symbols | U+20A0..U+20BF |
| Combining Diacritical Marks for Symbols | U+20E5, U+20EC..U+20EF |
| Letterlike Symbols | U+210C, U+2113, U+2116..U+2117, U+211F, U+2122..U+2123, U+2126, U+212D, U+2135, U+214F |
| Number Forms | U+2150..U+2189 |
| Arrows | U+2190..U+219B, U+21A8, U+21D0..U+21D5 |
| Mathematical Operators | U+2202..U+2206, U+220F, U+2211..U+2213, U+2219..U+221A, U+221E, U+2225..U+2226, U+222B, U+2234..U+2235, U+223C, U+2248, U+225F, U+2260..U+2262, U+2264..U+2265, U+U+2282..U+2287 |

| Unicode block | Gentium Plus support |
|---|---|
| Miscellaneous Technical | U+2308..U+230B, U+231C..U+231F, U+2329..U+232A, U+239B..U+23AD |
| Control Pictures | U+2423 |
| Geometric Shapes | U+25CA, U+25CC |
| Miscellaneous Symbols | U+2640, U+2642, U+266D, U+266F |
| Dingbats | U+2713, U+274D |
| Misc. Math. Symbols-A | U+27E6..U+27E9 |
| Latin Extended-C | U+2C60..U+2C7F |
| Coptic | U+2C88 |
| Supplemental Punctuation | U+2E00..U+2E0D, U+2E13, U+2E14, U+2E17, U+2E22..U+2E25, U+2E3A..U+2E3B |
| Modifier Tone Letters | U+A700..U+A71F |
| Latin Extended-D | U+A720..U+A78F, U+A790..U+A799, U+A7A0..U+A7AF, U+A7B0..U+A7B9, U+A7F7..U+A7FF |
| Kayah Li | U+A92E |
| Latin Extended-E | U+AB30, U+AB53, U+AB5C, U+AB5E, U+AB64..U+AB65 |
| PUA: Specials | U+F130..U+F133 |
| PUA: Modifier letters (e.g. superscripts) | U+F1A1, U+F1A3..U+F1A4, U+F1AB, U+F1AE, U+F1B4..U+F1B5, U+F1BC, U+F1CD..U+F1CE, U+F1F1..U+F1F9 |
| PUA: Latin | U+F20D, U+F234..U+F235, U+F258..U+F259, U+F267..U+F269, U+F26C..U+F26D |
| PUA: Cyrillic | U+F326..U+F327 |
| Alphabetic Presentation Forms | U+FB00..U+FB04 |
| Variation Selectors | U+FE00..U+FE0F |
| Combining Half Marks | U+FE20..U+FE23 |
| Arabic Presentation Forms-B | U+FEFF (zero-width no-break space) |
| Specials | U+FFF9..U+FFFD |
| Mathematical Alphanumeric Symbols | U+1D40C, U+1D504..U+1D505, U+1D50A, U+1D50E..U+1D510, U+1D513..U+1D514, U+1D516..U+1D517, U+1D519 |

Private-use (PUA) characters

There are a number of private-use characters that are supported in this font. These conform to [SIL International's corporate registry](#) for usage of the Unicode private-use areas. Characters which are not yet in Unicode are shown below.

Specials

- U+F130 FONT BASELINE AND SIDE-BEARING MARKER LEFT
- U+F131 FONT BASELINE AND SIDE-BEARING MARKER RIGHT
- U+F132 FONT VERTICAL METRICS MARKER LEFT

- U+F133 FONT VERTICAL METRICS MARKER RIGHT

Modifier Letters

- U+F1A1 MODIFIER LETTER SMALL AE
- U+F1A3 MODIFIER LETTER SMALL REVERSED E
- U+F1A4 MODIFIER LETTER SMALL CLOSED REVERSED OPEN E
- U+F1AB MODIFIER LETTER SMALL O WITH STROKE
- U+F1AE MODIFIER LETTER SMALL CAPITAL OE
- U+F1B4 MODIFIER LETTER SMALL CAPITAL Y
- U+F1B5 MODIFIER LETTER SMALL RAMS HORN
- U+F1BC MODIFIER LETTER SMALL H WITH STROKE
- U+F1CD MODIFIER LETTER SMALL CAPITAL U BAR
- U+F1CE MODIFIER LETTER SMALL TURNED Y

Latin

- U+F20D LATIN CAPITAL LETTER D WITH STROKE AND HOOK
- U+F234 LATIN CAPITAL LETTER Z WITH PALATAL HOOK
- U+F235 LATIN SMALL LETTER EZH WITH PALATAL HOOK
- U+F258 LATIN LETTER SMALL CAPITAL I OVER SMALL SCHWA
- U+F259 LATIN LETTER SMALL UPSILON OVER SMALL SCHWA
- U+F267 LATIN SMALL LETTER TURNED Y WITH BELT
- U+F268 LATIN LETTER SMALL CAPITAL L WITH BELT
- U+F269 LATIN SMALL LETTER TURNED R WITH LONG LEG AND HOOK
- U+F26D LATIN SMALL LETTER B WITH LEFT HOOK
- U+F26E LATIN CAPITAL LETTER RAMS HORN

Cyrillic

- U+F326 CYRILLIC CAPITAL LETTER GHE WITH STROKE AND DESCENDER
- U+F327 CYRILLIC SMALL LETTER GHE WITH STROKE AND DESCENDER

Deprecated SIL Corporate PUA characters

Some characters formerly in the PUA have been added to Unicode, and so have been deprecated in our fonts. Those PUA characters are displayed as black boxes containing a white image of the deprecated glyph.

Gentium Basic and Gentium Book Basic supported characters

The supported character set for Gentium Basic and Gentium Book Basic is much smaller than for the main Gentium Plus font. The *Basic* fonts support only the Basic Latin and Latin-1 Supplement Unicode ranges, plus a selection of the more commonly used extended Latin characters, with miscellaneous diacritical marks, symbols and punctuation. In particular, these fonts do not support:

- Full extended Latin IPA
- Complete support for Central European languages
- Greek
- Cyrillic

A much more complete character set is supported in the Gentium Plus fonts. The *Basic* fonts were intended as a way to provide additional weights for basic font users before the complete Gentium Plus character set

was finished. So please don't request additional glyphs or characters to be supported in the Basic fonts—use Gentium Plus.

| | |
|------------------------------------|---|
| C0 Controls and Basic Latin | U+0020..U+007E |
| C1 Controls and Latin-1 Supplement | U+00A0..U+00FF |
| Latin Extended-A | U+0100..U+0103, U+0106..U+010E, U+011A..U+0121, U+0124..U+0125, U+0128..U+012D, U+0130..U+0133, U+0139..U+013A, U+0141..U+0144, U+0147..U+0148, U+014A..U+0155, U+0158..U+015D, U+0160..U+0161, U+0164, U+0168..U+0171, U+00174..U+017E |
| Latin Extended-B | U+0181, U+0186, U+0189..U+018A, U+018E, U+0190, U+0192, U+0197..U+019A, U+019D, U+019F..U+01A1, U+01A9..U+01AA, U+01AF..U+01B0, U+01B3..U+01B4, U+01B7, U+01CD..U+01E3, U+01E6..U+01E9, U+01EE..U+01EF, U+01F4..U+01F5, U+01F8..U+01FF, U+021E..U+021F, U+0226..U+0233, U+0237, U+023D, U+0241..U+0242, U+0244..U+0245, U+024A..U+024B |
| IPA Extensions | U+0251, U+0253..U+0254, U+0256..U+0257, U+0259, U+025B, U+0263, U+0268..U+0269, U+026B, U+0272, U+0275, U+0283, U+0289..U+028A, U+028C, U+0292, U+0294, U+02A0 |
| Spacing Modifier Letters | U+02BC, U+02C0, U+02C6..U+02C7, U+02C9..U+02CB, U+02CD, U+02D7..U+02DD |
| Combining Diacritical Marks | U+0300..U+0304, U+0306..U+030C, U+031B, U+0323, U+0327..U+0328, U+0331, U+033F, U+035F |
| Greek and Coptic | U+03A0, U+03A9, U+03C0 |
| Latin Extended Additional | U+1E02..U+1E0F, U+1E14..U+1E17, U+1E1C..U+1E27, U+1E2E..U+1E3B, U+1E3E..U+1E49, U+1E4C..U+1E6F, U+1E78..U+1E99, U+1EA0..U+1EF9 |
| General Punctuation | U+2011, U+2013..U+2014, U+2018..U+201A, U+201C..U+201E, U+2020..U+2022, U+2026, U+2030, U+2039..U+203A, U+2044 |
| Currency Symbols | U+20AC |
| Letterlike Symbols | U+2122..U+2123, U+2126 |
| Mathematical Operators | U+2202, U+2205..U+2206, U+220F, U+2211..U+2212, U+2219..U+221A, U+221E, U+222B, U+2248, U+2260, U+2264..U+2265 |
| Geometric Shapes | U+25CA, U+25CC |
| Latin Extended-C | U+2C60..U+2C62 |
| Modifier Tone Letters | U+A700..U+A71A |
| Latin Extended-D | U+A789..U+A78C |
| Alphabetic Presentation Forms | U+FB01..U+FB02 |

| Unicode block | Gentium Basic support |
|---------------|---|
| SIL PUA | U+F130..U+F131, U+F195, U+F197, U+F1C8, U+F1E9..U+F1EA, U+F20E..U+F20F, U+F211..U+F212, U+F218..U+F219, U+F21D..U+F21F, U+F242, U+F26A |

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