Charis - Character Set Support

This font supports over 2,400 characters from The Unicode Standard as well as a number of Private Use Area (PUA) characters. In total, over 3,800 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:

Unicode block	Charis support
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+033F, U+0346..U+036F
Greek and Coptic	U+0387, U+0393..U+0394, U+0398, U+039E, U+03A0, U+03A8..U+03A9, U+03B1..U+03B4, U+03B8, U+03BB..U+03BC, U+03C0..U+03C1, U+03C3, U+03C6..U+03C7, U+03C9, U+03D1, U+03F4
Cyrillic	U+0400..U+045F, U+0462..U+0463, U+0472..U+0475, U+048A..U+04FF
Cyrillic Supplement*	U+0500..U+052F
Combining Diacritical Marks Extended	U+1AB0..U+1ABA. U+1ABF..U+1AC0, U+1AC6..U+1ACE
Cyrillic Extended-C	U+1C89..U+1C8A
Phonetic Extensions*	U+1D00..U+1D7F
Phonetic Extensions Supplement*	U+1D80..U+1DBF
Combining Diacritical Marks Supplement	U+1DC2, U+1DC4..U+1DCD, U+1DDA, U+1DDC, U+1DF5, U+1DFC..U+1DFF
Latin Extended Additional*	U+1E00..U+1EFF
General Punctuation	U+2000..U+2042, U+2044, U+204A, 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+20C0
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+218B
Arrows	

	U+2190..U+219B, U+21A8, U+21AE, U+21B6..U+21B7, U+21BA..U+21BB, U+21D0..U+21D5
Mathematical Operators	U+2202..U+2206, U+220F, U+2211..U+2213, U+2215, U+2219..U+221A, U+221E, U+2221, U+2225..U+2228, U+222B, U+2234..U+2235, U+223C, U+2248, U+225F, U+2260..U+2262, U+2264..U+2265, U+226E..U+226F, U+U+2282..U+2287, U+22BB..U+22BD
Miscellaneous Technical	U+2308..U+230B, U+2318, U+231C..U+231F, U+2329..U+232A, U+239B..U+23AD, U+23D1..U+23D6
Control Pictures	U+2423
Enclosed Alphanumerics	U+24B6, U+24D0
Geometric Shapes	U+25C9, U+25CA..U+25CC
Miscellaneous Symbols	U+2610..U+2612, U+2639..U+263A, U+2640, U+2642, U+266D, U+266F
Dingbats	U+2713, U+2717, U+274D
Misc. Math. Symbols-A	U+27C2, U+27E6..U+27EB
Misc. Math. Symbols-B	U+2980
Supplemental Math. Operators	U+2AFD
Latin Extended-C*	U+2C60..U+2C7F
Coptic	U+2C88..U+2C89
Supplemental Punctuation	U+2E00..U+2E0D, U+2E13..U+2E15, U+2E17, U+2E22..U+2E25, U+2E28..U+2E29, U+2E3A..U+2E3B, U+2E3D..U+2E3E
Cyrillic Extended-B	U+A69C..U+A69D
Modifier Tone Letters*	U+A700..U+A71F
Latin Extended-D	U+A720..U+A799, U+A7A0..U+A7AF, U+A7B0..U+A7BF, U+A7C4..U+A7CD, U+A7DA..U+A7DC, U+A7F2..U+A7F4, U+A7F7..U+A7FF
Kayah Li	U+A92E
Latin Extended-E	U+AB30, U+AB53, U+AB5C, U+AB5E, U+AB64..U+AB6B
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

Unicode block	Charis support
Latin Extended-F*	U+10780..U+10785, U+10787..U+107B0, U+107B2..U+107BA
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
Latin Extended-G*	U+1DF00..U+1DF1E, U+1DF25..U+1DF2A
Cyrillic Extended-D	U+1E030..U+1E049, U+1E04B..U+1E06B, U+1E06D, U+1E06F
Enclosed Alphanumeric Supplement	U+1F12F
Emoticons	U+1F610

*This block is fully supported as of Unicode 15.0.

Private-use (PUA) characters

There are a number of private-use characters that are supported in this font. These conform to SIL Global'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+F1CD MODIFIER LETTER SMALL CAPITAL U BAR

Latin

- U+F20D LATIN CAPITAL LETTER D WITH STROKE AND HOOK
- U+F258 LATIN LETTER SMALL CAPITAL I OVER SMALL SCHWA
- U+F259 LATIN LETTER SMALL UPSILON OVER SMALL SCHWA
- U+F26D LATIN SMALL LETTER B WITH LEFT HOOK

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.

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