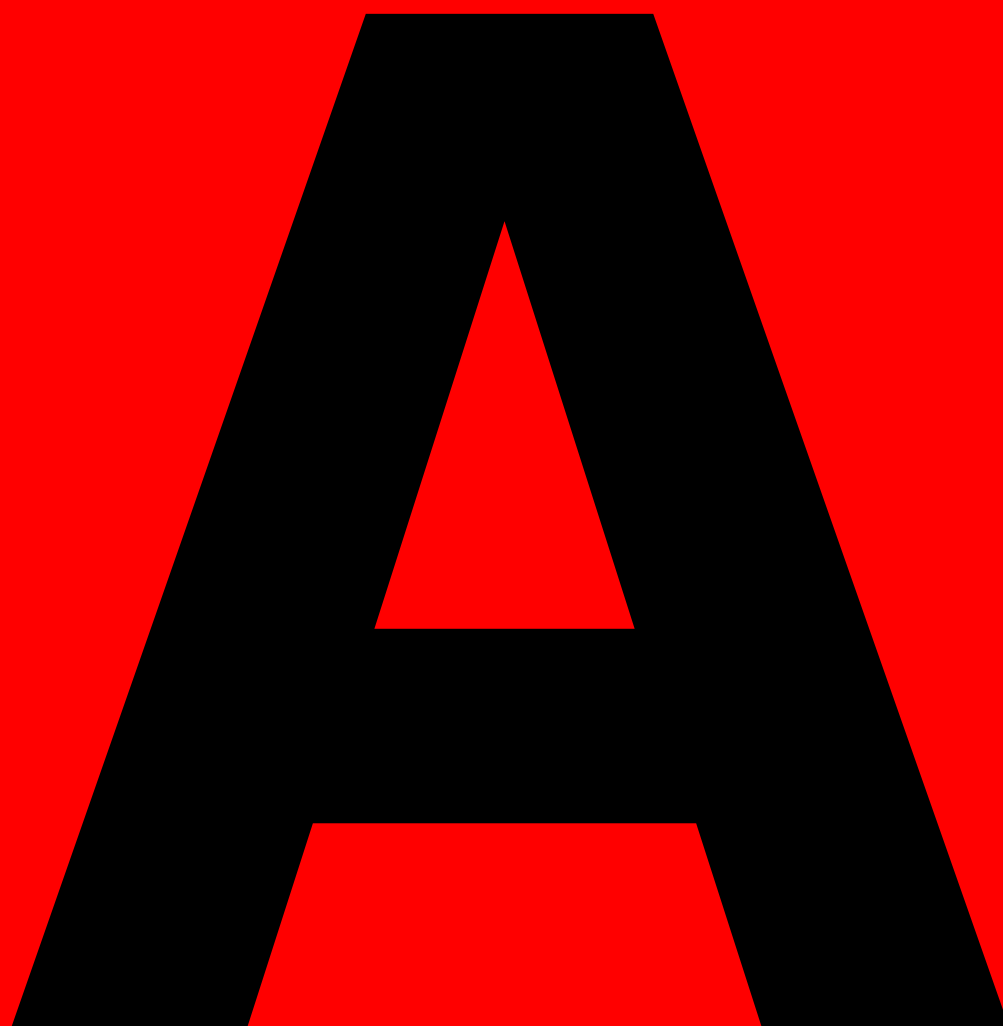




# Akkurat LL Black

Font Format: Opentype PostScript (Opentype CFF)  
Designer: Laurenz Brunner (2004-2018)





# Glyph Map

All 1023 glyphs of Akkurat LL Black in physical order.

[illegible]

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (IE)  | (IL)  | (IS) | (IT) | (JP) | (KK) | (KR) | (LT) | (LU) | (LV) | (MK) | (MF) | (MS) | (MT) | (NE) | (NL) | (NO) | (NZ) | (PH) | (PL) |
| (PS)  | (PT)  | (RO) | (RU) | (SE) | (SK) | (SL) | (SR) | (TG) | (TR) | (TT) | (TW) | (UA) | (UK) | (US) | (UZ) | fi   | fl   |      | \$   |
| i     | l     | l    | ˘    | ˘    | ı    | €    | a    | b    | c    | d    | e    | f    | g    | h    | i    | j    | k    | l    | m    |
| o     | p     | q    | r    | s    | t    | u    | v    | w    | x    | y    | z    | ®    | ı    | ıı   | ııı  | ıııı | vı   | vıı  | vııı |
| vıııı | ııııı | x    | o    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | o    | 1    | 2    | 3    | 4    | 5    | 6    |
| 7     | 8     | 9    |      |      | #    | \$   | %    | +    | ,    | .    | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
| 9     | :     | ;    | <    | =    | >    | ¢    | £    | ¤    | ¥    | §    | ¬    | ±    | ×    | ÷    | ƒ    | ฿    |      |      | %    |
| ℥     | ₩     | ₪    | ₮    | €    | ₭    | ₯    | ₱    | ₲    | ₳    | ₴    | ₵    | ₶    | ₷    | ₸    | ₹    | ₺    | ₻    | ₼    | ₽    |
| ≥     | ×     | FI   | FL   | O    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | A    | B    | C    | D    | E    | F    |
| G     | H     | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    | Z    |
| SS    | À     | Á    | Â    | Ã    | Ä    | Å    | Æ    | Ç    | È    | É    | Ê    | Ë    | Ì    | Í    | Î    | Ï    | Ð    | Ñ    | Ò    |
| Ó     | Ô     | Õ    | Ö    | Ø    | Ù    | Ú    | Û    | Ü    | Ý    | Þ    | ÿ    | Ā    | Ă    | Ą    | Ć    | Ĉ    | Č    | Č    | Ď    |
| Đ     | Ē     | Ĕ    | Ė    | Ę    | Ě    | Ĝ    | Ğ    | Ġ    | Ĥ    | Ħ    | Ĩ    | Ī    | Ĭ    | Į    | İ    | İJ   | Ĵ    | Ķ    |      |
| K     | Ĺ     | Ł    | Ł    | Ł    | Ł    | Ń    | Ņ    | Ň    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    | Ŋ    |
| Ş     | Š     | Ţ    | Ť    | Ŧ    | Ũ    | Ū    | Ŭ    | Ů    | Ű    | Ų    | Ŵ    | Ŷ    | Ž    | Ž    | Ž    | Ž    | Ž    | Ž    | Ž    |
| Ŭ     | Ū     | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    | Ŭ    |
| ˆ     | ˆ     | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |
| ˆ     | ˆ     | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |
| 5     | 6     | 7    | 8    | 9    | :    | [    | ]    | {    | }    | i    | «    | -    | »    | ¿    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |
| ˆ     | ˆ     | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |
| à     | á     | â    | ã    | ä    | å    | ā    | ă    | ą    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    |
| g     | à     | á    | â    | ã    | ä    | å    | ā    | ă    | ą    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    | ă    |
| ¹     | ₁     | ₁    | ₁    | ●    | ×    | ┐    | ff   | ffi  | fi   | fj   | fl   | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |
| ˆ     | ˆ     | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |

All encoded characters should be accessible with every unicode capable application. For details about Unicode Blocks visit the [Unicode Website](#).

## Encoded Characters

### Basic Latin

Block from 0000 to 007F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0000 | 000D | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 002A | 002B | 002C | 002D | 002E | 002F | 0030 | 0031 |
|      |      |      | !    | "    | #    | \$   | %    | &    | '    | (    | )    | *    | +    | ,    | -    | .    | /    | 0    | 1    |
| 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 003A | 003B | 003C | 003D | 003E | 003F | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 |
| 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | :    | ;    | <    | =    | >    | ?    | @    | A    | B    | C    | D    | E    |
| 0046 | 0047 | 0048 | 0049 | 004A | 004B | 004C | 004D | 004E | 004F | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 |
| F    | G    | H    | I    | J    | K    | L    | M    | N    | O    | P    | Q    | R    | S    | T    | U    | V    | W    | X    | Y    |
| 005A | 005B | 005C | 005D | 005E | 005F | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 006A | 006B | 006C | 006D |
| Z    | [    | \    | ]    | ^    | _    | `    | a    | b    | c    | d    | e    | f    | g    | h    | i    | j    | k    | l    | m    |
| 006E | 006F | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 007A | 007B | 007C | 007D | 007E |      |      |      |
| n    | o    | p    | q    | r    | s    | t    | u    | v    | w    | x    | y    | z    | {    |      | }    | ~    |      |      |      |

### Latin-1 Supplement

Block from 0080 to 00FF

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 00A0 | 00A1 | 00A2 | 00A3 | 00A4 | 00A5 | 00A6 | 00A7 | 00A8 | 00A9 | 00AA | 00AB | 00AC | 00AD | 00AE | 00AF | 00B0 | 00B1 | 00B2 | 00B3 |
|      | ı    | ¢    | £    | ¤    | ¥    | ¦    | §    | ¨    | ©    | ª    | «    | ¬    | -    | ®    | ¯    | °    | ±    | ²    | ³    |
| 00B4 | 00B5 | 00B6 | 00B7 | 00B8 | 00B9 | 00BA | 00BB | 00BC | 00BD | 00BE | 00BF | 00C0 | 00C1 | 00C2 | 00C3 | 00C4 | 00C5 | 00C6 | 00C7 |
| ´    | µ    | ¶    | ·    | ¸    | ¹    | º    | »    | ¼    | ½    | ¾    | ¿    | À    | Á    | Â    | Ã    | Ä    | Å    | Æ    | Ç    |
| 00C8 | 00C9 | 00CA | 00CB | 00CC | 00CD | 00CE | 00CF | 00D0 | 00D1 | 00D2 | 00D3 | 00D4 | 00D5 | 00D6 | 00D7 | 00D8 | 00D9 | 00DA | 00DB |
| È    | É    | Ê    | Ë    | Ì    | Í    | Î    | Ï    | Ð    | Ñ    | Ò    | Ó    | Ô    | Õ    | Ö    | ×    | Ø    | Ù    | Ú    | Û    |
| 00DC | 00DD | 00DE | 00DF | 00E0 | 00E1 | 00E2 | 00E3 | 00E4 | 00E5 | 00E6 | 00E7 | 00E8 | 00E9 | 00EA | 00EB | 00EC | 00ED | 00EE | 00EF |
| Ü    | Ý    | Þ    | ß    | à    | á    | â    | ã    | ä    | å    | æ    | ç    | è    | é    | ê    | ë    | ì    | í    | î    | ï    |
| 00F0 | 00F1 | 00F2 | 00F3 | 00F4 | 00F5 | 00F6 | 00F7 | 00F8 | 00F9 | 00FA | 00FB | 00FC | 00FD | 00FE | 00FF |      |      |      |      |
| ð    | ñ    | ò    | ó    | ô    | õ    | ö    | ÷    | ø    | ù    | ú    | û    | ü    | ý    | þ    | ÿ    |      |      |      |      |

### Latin Extended-A

Block from 0100 to 017F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 010A | 010B | 010C | 010D | 010E | 010F | 0110 | 0111 | 0112 | 0113 |
| Ā    | ā    | Ă    | ă    | Ą    | ą    | Ć    | ć    | Ĉ    | ĉ    | Č    | č    | Č    | č    | Ď    | ď    | Đ    | đ    | Ē    | ē    |
| 0114 | 0115 | 0116 | 0117 | 0118 | 0119 | 011A | 011B | 011C | 011D | 011E | 011F | 0120 | 0121 | 0122 | 0123 | 0124 | 0125 | 0126 | 0127 |
| Ě    | ě    | Ė    | ė    | Ę    | ę    | Ě    | ě    | Ĝ    | ĝ    | Ğ    | ğ    | Ġ    | ġ    | Ģ    | ģ    | Ĥ    | ĥ    | Ħ    | ħ    |
| 0128 | 0129 | 012A | 012B | 012C | 012D | 012E | 012F | 0130 | 0131 | 0132 | 0133 | 0134 | 0135 | 0136 | 0137 | 0138 | 0139 | 013A | 013B |
| Ĩ    | ĩ    | Ī    | ī    | Ĭ    | ĭ    | Į    | į    | İ    | ı    | IJ   | ij   | Ĵ    | ĵ    | Ķ    | ķ    | κ    | Ĺ    | ĺ    | Ł    |
| 013C | 013D | 013E | 013F | 0140 | 0141 | 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 014A | 014B | 014C | 014D | 014E | 014F |
| ł    | Ł    | ł    | Ł    | ł    | Ł    | ł    | ł    | Ń    | ń    | Ņ    | ņ    | Ň    | ň    | ŋ    | ŋ    | Ō    | ō    | Ŏ    | ŏ    |



|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0150 | 0151 | 0152 | 0153 | 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 015A | 015B | 015C | 015D | 015E | 015F | 0160 | 0161 | 0162 | 0163 |
| Ŏ    | ŏ    | Œ    | œ    | Ř    | ř    | Ŕ    | ŕ    | Ř    | ř    | Ś    | ś    | Ŝ    | ŝ    | Ş    | ş    | Š    | š    | Ț    | ț    |
| 0164 | 0165 | 0166 | 0167 | 0168 | 0169 | 016A | 016B | 016C | 016D | 016E | 016F | 0170 | 0171 | 0172 | 0173 | 0174 | 0175 | 0176 | 0177 |
| Ţ    | ţ    | Ț    | ț    | Ū    | ū    | Ū    | ū    | Ŭ    | ŭ    | Ŭ    | ŭ    | Ů    | ů    | Ȳ    | ȳ    | Ẃ    | ẃ    | Ỳ    | ỳ    |
| 0178 | 0179 | 017A | 017B | 017C | 017D | 017E |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Ỳ    | ỳ    | Ẑ    | ẑ    | Ẓ    | ẓ    | Ẕ    | ẕ    |      |      |      |      |      |      |      |      |      |      |      |      |

## Latin Extended-B

Block from 0180 to 024F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 018F | 0192 | 01B5 | 01B6 | 01CD | 01CE | 01CF | 01D0 | 01D1 | 01D2 | 01D3 | 01D4 | 01D5 | 01D6 | 01D7 | 01D8 | 01D9 | 01DA | 01DB | 01DC |
| Ə    | ƒ    | Ʒ    | Ʒ    | Ǻ    | ǻ    | Ǽ    | ǽ    | Ǿ    | ǿ    | Ǟ    | ǟ    | Ǡ    | ǡ    | Ǣ    | ǣ    | Ǥ    | ǥ    | Ǧ    | ǧ    |
| 01FA | 01FB | 01FC | 01FD | 01FE | 01FF | 0218 | 0219 | 021A | 021B | 0237 |      |      |      |      |      |      |      |      |      |
| Ǻ    | ǻ    | Ǽ    | ǽ    | Ǿ    | ǿ    | Ǟ    | ǟ    | Ǡ    | ǡ    | Ǣ    | ǣ    | Ǥ    | ǥ    | Ǧ    | ǧ    |      |      |      |      |

## IPA Extensions

Block from 0250 to 02AF

|      |
|------|
| 0259 |
| ə    |

## Spacing Modifier Letters

Block from 02B0 to 02FF

|      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|
| 02BC | 02C6 | 02C7 | 02C9 | 02D8 | 02D9 | 02DA | 02DB | 02DC | 02DD |
| ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    | ˆ    |

## Combining Diacritical Marks

Block from 0300 to 036F

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0300 | 0301 | 0302 | 0303 | 0304 | 0306 | 0307 | 0308 | 030A | 030B | 030C | 0312 | 0326 | 0327 | 0328 | 0335 |
| ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    | ˘    |

## Greek and Coptic

Block from 0370 to 03FF

|      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|
| 0385 | 0387 | 0394 | 03A3 | 03A9 | 03BC | 03C0 |
| ◌    | ◌    | Δ    | Σ    | Ω    | μ    | π    |

## Thai

Block from 0E00 to 0E7F

|      |
|------|
| 0E3F |
| ฿    |



## Latin Extended Additional

Block from 1E00 to 1EFF

| 1E80 | 1E81 | 1E82 | 1E83 | 1E84 | 1E85 | 1E8A | 1E8B | 1E9E | 1EBC | 1EBD | 1EF2 | 1EF3 | 1EF8 | 1EF9 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ŵ    | ŵ    | Ŷ    | ŷ    | Ÿ    | Ź    | Ż    | ž    | Ɓ    | Ɛ    | ẽ    | Ỳ    | ỳ    | Ỳ    | ỳ    |

## General Punctuation

Block from 2000 to 206F

| 2007 | 2008 | 200B | 2013 | 2014 | 2015 | 2018 | 2019 | 201A | 201C | 201D | 201E | 2020 | 2021 | 2022 | 2026 | 2030 | 2032 | 2033 | 2039 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |      |      | —    | —    | —    | ‘    | ’    | ,    | “    | ”    | „    | †    | ‡    | •    | ...  | ‰    | '    | "    | ◀    |
| 203A | 2044 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| ›    | /    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

## Superscripts and Subscripts

Block from 2070 to 209F

| 2070 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 207F | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ⁰    | ⁴    | ⁵    | ⁶    | ⁷    | ⁸    | ⁹    | ₙ    | ₀    | ₁    | ₂    | ₃    | ₄    | ₅    | ₆    | ₇    | ₈    | ₉    |

## Currency Symbols

Block from 20A0 to 20CF

| 20A6 | 20A9 | 20AA | 20AB | 20AC | 20AD | 20AE | 20B2 | 20B4 | 20B5 | 20B8 | 20B9 | 20BA | 20BC | 20BD |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ₯    | ₱    | ₲    | ₳    | €    | ₣    | ₧    | ₨    | ₪    | €    | ₭    | ₮    | ₯    | ₰    | ₱    |

## Letterlike Symbols

Block from 2100 to 214F

| 2113 | 2116 | 2122 | 2126 |
|------|------|------|------|
| ℓ    | Nº   | ™    | Ω    |

## Number Forms

Block from 2150 to 218F

| 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 215A | 215B | 215C | 215D | 215E | 215F | 2160 | 2161 | 2162 | 2163 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ⅐    | ⅑    | ⅒    | ⅓    | ⅔    | ⅕    | ⅖    | ⅗    | ⅘    | ⅙    | ⅚    | ⅛    | ⅜    | ⅝    | ⅞    | Ⅰ    | Ⅱ    | Ⅲ    | Ⅳ    |      |
| 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 216C | 216D | 216E | 216F | 2189 |      |      |      |      |      |      |      |      |      |
| Ⅴ    | Ⅵ    | Ⅶ    | Ⅷ    | Ⅸ    | Ⅹ    | Ⅺ    | Ⅻ    | Ⅼ    | Ⅽ    | Ⅾ    | Ⅿ    | ⅰ    |      |      |      |      |      |      |      |

## Arrows

Block from 2190 to 21FF

| 2190 | 2191 | 2192 | 2193 | 2196 | 2197 | 2198 | 2199 | 21A9 | 21B0 | 21B1 | 21B2 | 21B3 | 21C6 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ↵    | ↶    | ↷    | ↸    | ↹    | ↺    | ↻    | ↼    | ↽    | ↾    | ↿    | ↰    | ↱    | ↲    |

## Mathematical Operators

Block from 2200 to 22FF

| 2202 | 2206 | 220F | 2211 | 2212 | 2215 | 2219 | 221A | 221E | 222B | 2248 | 2260 | 2264 | 2265 | 22C5 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ∂    | Δ    | Π    | Σ    | −    | /    | ·    | √    | ∞    | ∫    | ≈    | ≠    | ≤    | ≥    | ·    |

## Enclosed Alphanumerics

Block from 2460 to 24FF

| 24C5 |
|------|
| Ⓟ    |

## Geometric Shapes

Block from 25A0 to 25FF

| 25A0 | 25A1 | 25AF | 25B2 | 25B3 | 25CA | 25CB | 25CF |
|------|------|------|------|------|------|------|------|
| ■    | □    | ◻    | ▲    | △    | ◆    | ◯    | ●    |

## Dingbats

Block from 2700 to 27BF

| 2713 | 2715 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 |
|------|------|------|------|------|------|------|------|------|------|------|
| ✓    | ✕    | ①    | ②    | ③    | ④    | ⑤    | ⑥    | ⑦    | ⑧    | ⑨    |

## Private Use Area

Block from E000 to F8FF

| E001 | E002 | E100 | E101 | E102 | E103 | E104 | E105 | E106 | E107 | E108 | E109 | E10A | E10B | E10C | E10D | E10E | E10F | E110 | E111 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ↺↻   | ↻↺   | Ⓐ    | Ⓐ    | Ⓐ    | Ⓐ    | Ⓐ    | Ⓐ    | Ⓑ    | Ⓑ    | Ⓑ    | Ⓑ    | Ⓑ    | Ⓒ    | Ⓒ    | Ⓒ    | Ⓒ    | Ⓒ    | Ⓒ    | Ⓒ    |
| E112 | E113 | E114 | E115 | E116 | E117 | E118 | E119 | E11A | E11B | E11C | E11D | E11E | E11F | E120 | E121 | E122 | E123 | E124 | E125 |
| Ⓓ    | Ⓓ    | Ⓓ    | Ⓓ    | Ⓓ    | Ⓓ    | Ⓓ    | Ⓓ    | Ⓕ    | Ⓕ    | Ⓕ    | Ⓕ    | Ⓕ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    |
| E126 | E127 | E128 | E129 | E12A | E12B | E12C | E12D | E12E | E12F | E130 | E131 | E132 | E133 | E134 | E135 | E136 | E137 | E138 | E139 |
| Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    |
| E13A | E13B | E13C | E13D | E13E | E13F | E140 | E141 | E142 | E143 | E144 | E145 | E146 | E147 | E148 |      |      |      |      |      |
| Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    | Ⓖ    |      |      |      |      |      |

## Alphabetic Presentation Forms

Block from FB00 to FB4F

| FB01 | FB02 |
|------|------|
| fi   | fl   |



## Arabic Presentation Forms-B

Block from FE70 to FEFF

| FEFF |
|------|
|      |





## Unencoded Glyphs

All unencoded glyphs are accessible with OpenType layout feature capable applications.

### Access All Alternates

|    |   |   |   |   |   |
|----|---|---|---|---|---|
| -  | - | - | - | - | - |
| \$ | ˘ | ˘ | ₪ | € | ₪ |

### Small Capitals From Capitals

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ˘ | ˘ | ˘ | ˘ | - | ˘ | ˘ | ˘ | ˘ |
| - | - |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ˘ | ˘ |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

### Small Capitals From Capitals, Justification Alternates

|   |   |
|---|---|
| - | - |
| ˘ | ˘ |

### Small Capitals From Capitals, Small Capitals

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| U | V | W | X | Y | Z | À | Á | Â | Ã | Ä | Å | Æ | Ç | È | É | Ê | Ë | Ì | Í |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Î | Ï | Ð | Ñ | Ò | Ó | Ô | Õ | Ö | Ø | Ù | Ú | Û | Ü | Ý | Þ | ÿ | Ā | Ă | Ą |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ć | Ĉ | Č | Ď | Đ | Ē | Ĕ | Ė | Ę | Ě | Ĝ | Ğ | Ġ | Ģ | Ĥ | Ħ | Ĩ | Ī | Ĵ | Ķ |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ĳ | Ĵ | Ĵ | Ķ | Ĺ | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł | Ł |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Š | Ŝ | Ş | Š | Ţ | Ť | Ŧ | Ũ | Ū | Ŭ | Ů | Ű | Ų | Ŵ | Ŷ | Ž | Ż | Ž | Ž | Ž |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Ÿ | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź | Ź |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| İ | Ö | Ů | Ū | Ŭ | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů | Ů |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| İ | Ł |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |



## Case-Sensitive Forms

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ( | ) | - | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | [ | ] | { | } | i | « |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | » | ¿ | — | — | ◀ | ▶ | ˘ | ˘ |   |   |   |   |   |   |   |   |   |   |   |

## Case-Sensitive Forms, Glyph Composition / Decomposition

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ | ˘ |
| , |   |   |   |   |   |   |   |   |   |   |   |   |

## Case-Sensitive Forms, Justification Alternates

|    |    |
|----|----|
| -  | -  |
| .. | .. |

## Discretionary Ligatures

|           |            |           |           |           |
|-----------|------------|-----------|-----------|-----------|
| -         | -          | -         | -         | -         |
| <b>ff</b> | <b>ffi</b> | <b>fi</b> | <b>fj</b> | <b>fl</b> |

## Discretionary Ligatures, Small Capitals

|           |           |
|-----------|-----------|
| -         | -         |
| <b>FI</b> | <b>FL</b> |

## Denominators, Fractions

|          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| -        | -        | -        | -        | -        | -        | -        | -        | -        | -        |
| <b>0</b> | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> |

## Fractions

|   |
|---|
| - |
|   |



## Fractions, Numerators

|   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

## Justification Alternates

|    |    |    |
|----|----|----|
| -  | -  | -  |
| .. | .. | .. |

## Localized Forms

|   |   |   |
|---|---|---|
| - | - | - |
| i | Ł | ł |

## Ordinals, Superscript

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| b | c | d | e | f | g | h | j | k | l | m | p | q | r | s | t | u | v | w | x |
| - | - |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| y | z |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## Ornaments

|   |   |   |   |
|---|---|---|---|
| - | - | - | - |
|   |   |   |   |

## Stylistic Alternates, Stylistic Set 1

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| a | à | á | â | ã | ä | å | ā | ă | ą | ǎ | Ǻ | ä |

## Small Capitals

|    |   |   |    |
|----|---|---|----|
| -  | - | - | -  |
| SS | I | K | 'N |



## Stylistic Set 2

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - |
| ı | í | ı | ı | ı | ı | ı |

## Stylistic Set 3

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ |

## Stylistic Set 4

|   |
|---|
| - |
| ǎ |

## Stylistic Set 5

|   |   |   |   |   |
|---|---|---|---|---|
| - | - | - | - | - |
| 1 | 1 | 1 | 1 | 1 |

## Stylistic Set 6

|   |
|---|
| - |
| ● |

## Stylistic Set 20

|   |
|---|
| - |
| × |

## Superscript

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ | ǎ |

## Tabular Figures

|   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | -  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
|   | # | \$ | % | + | , | . | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | ; | < |   |
| - | - | -  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| = | > | ¢  | £ | ¤ | ¥ | § | ¨ | ± | × | ÷ | ƒ | ฿ |   |   | ‰ | ℥ | ℥ | ℥ | ℥ | ℥ |
| - | - | -  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| € | ₹ | ₹  | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ | ₹ |



Slashed Zero

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| - | - | - | - | - | - |
| 0 | º | ø | 0 | 0 | 0 |

Other

|   |
|---|
| - |
| □ |



# OpenType Layout Features

For details about OpenType Layout Features see the [OpenType Layout tag registry](#).

## Substitution Features

2<sub>2</sub><sup>2</sup><sup>2</sup>

**Access All Alternates**  
This feature makes all variations of a selected character accessible.

bB

**Small Capitals**  
This feature turns lowercase characters into small capitals. This corresponds to the common SC font layout. It is generally used for display lines set in Large and small caps, such as titles. Forms related to small capitals, such as oldstyle figures, may be included.

Bb

**Small Capitals From Capitals**  
This feature turns capital characters into small capitals.

ſt

**Discretionary Ligatures**  
Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. This feature covers those ligatures which may be used for special effect, at the user's preference.

123

**Tabular Figures**  
Replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.

0

**Slashed Zero**  
Some fonts contain both a default form of zero, and an alternative form which uses a diagonal slash through the counter. This feature allows the user to change from the default 0 to a slashed form.

7/

**Numerators**  
Replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.

/8

**Denominators**  
Replaces selected figures which follow a slash with denominator figures.

7/8

**Fractions**  
Replaces figures separated by a slash with 'common' (diagonal) fractions.

x<sup>2</sup>

**Superscript**  
Replaces lining or oldstyle figures with superior figures (primarily for footnote indication), and may replace lowercase letters with superior letters (primarily for abbreviated French titles).

x<sub>2</sub>

**Subscript**  
The "subs" feature may replace a default glyph with a subscript glyph.

H<sub>2</sub>

**Scientific Inferiors**  
Replaces lining or oldstyle figures with inferior figures (smaller glyphs which sit lower than the standard baseline, primarily for chemical or mathematical notation). May also replace lowercase characters with alphabetic inferiors.

1<sup>st</sup>

**Ordinals**  
Replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.

{G}

**Case-Sensitive Forms**  
Shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures; also changes oldstyle figures to lining figures.

§§

**Localized Forms**  
This feature enables localized forms of glyphs to be substituted for default forms.

GG

**Stylistic Alternates**  
Many fonts contain alternate glyph designs for a purely esthetic effect; these don't always fit into a clear category like swash or historical. This feature replaces the default forms with the stylistic alternates.

[1]

**Stylistic Set 1**

Glyphs in stylistic sets may be designed to harmonise visually, interact in particular ways, or otherwise work together.

[2]

**Stylistic Set 2**

[3]

**Stylistic Set 3**

[4]

**Stylistic Set 4**

[5]

**Stylistic Set 5**

[6]

**Stylistic Set 6**

[20]

**Stylistic Set 20**

ṛ̣ṛ̣

**Glyph Composition / Decomposition**

To minimize the number of glyph alternates, it is sometimes desired to decompose a character into two glyphs. Additionally, it may be preferable to compose two characters into a single glyph for better glyph processing. This feature permits such composition/decomposition.

ص

**Justification Alternates**

Improves justification of text by replacing glyphs with alternate forms specifically designed for this purpose (they would have less or more advance width as need may be).

ΣΣ

**Mathematical Greek**

Replaces standard typographic forms of Greek glyphs with corresponding forms commonly used in mathematical notation (which are a subset of the Greek alphabet).

1①

**Alternate Annotation Forms**

Replaces default glyphs with various notational forms (e.g. glyphs placed in open or solid circles, squares, parentheses, diamonds or rounded boxes).

✻

**Ornaments**

This feature gives the user access to ornament glyphs (e.g. fleurons, dingbats and border elements) in the font.

## Positioning Features

N⇨E

**Capital Spacing**

Globally adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and esthetics.

T⇨o

**Kerning**

Adjusts amount of space between glyphs, generally to provide optically consistent spacing between glyphs.



## Languages

Information about languages is mainly based on the Unicode Common Locale Data Repository. For details visit the [Unicode CLDR Project](#).

### Latin

|           |               |                   |                 |
|-----------|---------------|-------------------|-----------------|
| Afrikaans | Galician      | Makhuwa-Meetto    | Scottish Gaelic |
| Albanian  | Ganda         | Makonde           | Sena            |
| Asu       | German        | Malagasy          | Serbian         |
| Basque    | Gusii         | Maltese           | Shambala        |
| Bemba     | Hungarian     | Manx              | Shona           |
| Bena      | Icelandic     | Meru              | Slovak          |
| Breton    | Inari Sami    | Morisyen          | Slovenian       |
| Catalan   | Indonesian    | North Ndebele     | Soga            |
| Chiga     | Irish         | Northern Sami     | Somali          |
| Colognian | Italian       | Norwegian Bokmål  | Spanish         |
| Cornish   | Jola-Fonyi    | Norwegian Nynorsk | Swahili         |
| Croatian  | Kabuverdianu  | Nyankole          | Swedish         |
| Czech     | Kalaallisut   | Oromo             | Swiss German    |
| Danish    | Kalenjin      | Polish            | Taita           |
| Dutch     | Kamba         | Portuguese        | Teso            |
| Embu      | Kikuyu        | Quechua           | Turkish         |
| English   | Kinyarwanda   | Romanian          | Upper Sorbian   |
| Esperanto | Latvian       | Romansh           | Uzbek           |
| Estonian  | Lithuanian    | Rombo             | Volapük         |
| Faroese   | Lower Sorbian | Rundi             | Vunjo           |
| Filipino  | Luo           | Rwa               | Walser          |
| Finnish   | Luxembourgish | Samburu           | Welsh           |
| French    | Luyia         | Sango             | Western Frisian |
| Friulian  | Machame       | Sangu             | Zulu            |





## Character Set

---

### Adobe

Adobe Latin-1

### Apple Macintosh

MacOS Central European Latin  
MacOS Croatian  
MacOS Icelandic  
MacOS Roman (Standard Latin)  
MacOS Romanian  
MacOS Turkish

### ISO 8859

8859-1 Latin-1 Western European  
8859-10 Latin-6 Nordic  
8859-13 Latin-7 Baltic Rim  
8859-15 Latin-9  
8859-16 Latin-10 South-Eastern European  
8859-2 Latin-2 Central European  
8859-3 Latin-3 South European  
8859-4 Latin-4 North European  
8859-9 Latin-5 Turkish

### Microsoft Windows

MS Windows 1250 Central European Latin  
MS Windows 1252 Western (Standard Latin)  
MS Windows 1254 Turkish Latin  
MS Windows 1257 Baltic Latin



## Technical Data

---

### Identification

| Table | Description            | Value                            |
|-------|------------------------|----------------------------------|
| -     | File name              | AkkuratLL-Black.otf              |
| -     | File size              | 178300 bytes                     |
| -     | MD5 checksum           | B7B0343D481A9DC5F81FB1F4EEBAEEC0 |
| head  | created                | Thu Sep 21 15:03:17 2017         |
| head  | modified               | Wed Sep 22 15:41:55 2021         |
| name  | Unique font identifier | Lineto: Akkurat LL-Black: 2017   |
| name  | Version string         | Version 5.000; build 0032        |
| CFF   | Outline format         | PostScript                       |

### Names

| ID | Description                | Value            |
|----|----------------------------|------------------|
| 1  | Family name                | Akkurat LL Black |
| 2  | Subfamily name             | Regular          |
| 4  | Full font name             | Akkurat LL Black |
| 6  | Postscript name            | AkkuratLL-Black  |
| 16 | Typographic Family name    | Akkurat LL       |
| 17 | Typographic Subfamily name | Black            |

### Classification & Style

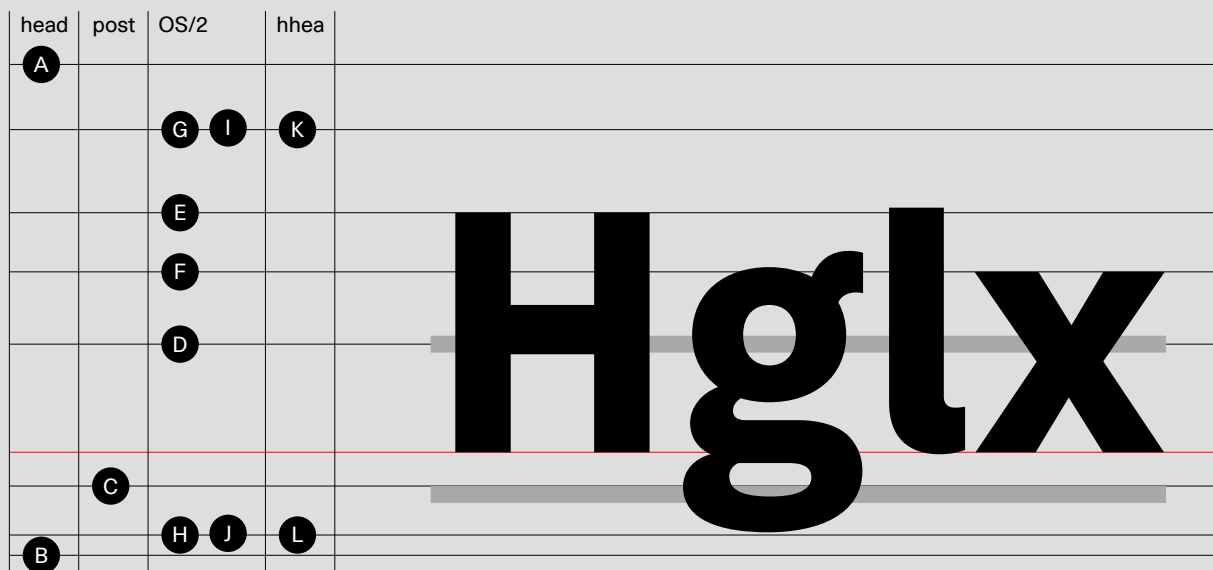
| Table | Description            | Value               |
|-------|------------------------|---------------------|
| OS/2  | Width class            | 5 - Medium (normal) |
| OS/2  | Weight class           | 900 - Black (Heavy) |
| post  | Italic angle           | 0.0°                |
| OS/2  | fsSelection style bits |                     |
| head  | macStyle bits          |                     |
| OS/2  | PANOSE Family Kind     | 2 - Latin Text      |
| OS/2  | PANOSE Serif Style     | 2 - Normal Sans     |
| OS/2  | PANOSE Weight          | 10 - Black          |
| OS/2  | PANOSE Proportion      | 4 - Even Width      |
| OS/2  | PANOSE x-height        | 4 - Constant/Large  |



## Legal Information

| ID | Description         | Value   |
|----|---------------------|---|
| 0  | Copyright           | © 2004-2019, Copyright by Lineto GmbH. All rights reserved.   |
| 7  | Trademark           | Akkurat is a trademark of Lineto  |
| 8  | Manufacturer        | Lineto  |
| 9  | Designer            | Laurenz Brunner (2004-2018)   |
| 10 | Font Description    | LL Akkurat is designed by Laurenz Brunner, first released by Lineto in 2004. Additional scripts were designed under the direction of Laurenz Brunner by Ilya Ruderman and Yury Ostromentsky (Cyrillic), Valery Golyzhenkov (Cyrillic), Panos Haratzopoulos (Greek), Titus Nemeth (Arabic), Yanek Yontef (Hebrew), Indian Type Foundry (Devanagari), and Damca Pham (Vietnamese). Production assistance by Wei Huang. Font engineering and mastering by Alphabet.                        |
| 11 | Vendor URL          | <a href="https://www.lineto.com">https://www.lineto.com</a>   |
| 12 | Designer URL        | <a href="https://www.lineto.com/The+Designers">https://www.lineto.com/The+Designers</a>   |
| 13 | License Description | No use of this font is allowed without Lineto's consent and without the user's compliance with the Lineto EULA and the SUL. Lawful use of the fonts or the data contained within the font files excludes modifying, reassembling, renaming, storing on publicly available servers, redistributing and selling. Any unlawful use of this typographic software will be prosecuted. For additional information see <a href="https://lineto.com/licensing">https://lineto.com/licensing</a> |
| 14 | License Info URL    | <a href="https://lineto.com/licensing">https://lineto.com/licensing</a>   |

## Vertical Metric



|   | Table | Description        | Value |
|---|-------|--------------------|-------|
|   | head  | Units perEM        | 1000  |
| A | head  | y Max              | 1148  |
| B | head  | y Min              | -305  |
| C | post  | Underline Position | -100  |
|   | post  | Underline Size     | 50    |
| D | OS/2  | Strikeout Position | 320   |
|   | OS/2  | Strikeout Size     | 50    |
| E | OS/2  | Caps Height        | 709   |
| F | OS/2  | x Height           | 534   |
| G | OS/2  | Typo Ascender      | 955   |
| H | OS/2  | Typo Descender     | -245  |
|   | OS/2  | Typo Linegap       | 0     |
| I | OS/2  | Win Ascender       | 960   |
| J | OS/2  | Win Descender      | 240   |
| K | hhea  | Ascender           | 955   |
| L | hhea  | Descender          | -245  |
|   | hhea  | Linegap            | 0     |