C0 Controls and Basic Latin

Range: 0000–007F

This file contains an excerpt from the character code tables and list of character names for The Unicode Standard, Version 12.0

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See http://www.unicode.org/charts/PDF/Unicode-12.0/ for charts showing only the characters added in Unicode 12.0.
See http://www.unicode.org/Public/12.0.0/charts/ for a complete archived file of character code charts for Unicode 12.0.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 12.0, online at http://www.unicode.org/versions/Unicode12.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.


A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts
The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.


Terms of Use
You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.


Copyright © 1991-2019 Unicode, Inc. All rights reserved.
<table>
<thead>
<tr>
<th>U+0000</th>
<th>U+0001</th>
<th>U+0002</th>
<th>U+0003</th>
<th>U+0004</th>
<th>U+0005</th>
<th>U+0006</th>
<th>U+0007</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUL</td>
<td>DLE</td>
<td>SP</td>
<td>@</td>
<td>P</td>
<td>\</td>
<td>p</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOH</td>
<td>DC1</td>
<td>!</td>
<td>1</td>
<td>A</td>
<td>Q</td>
<td>a</td>
<td>q</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STX</td>
<td>DC2</td>
<td>&quot;</td>
<td>2</td>
<td>B</td>
<td>R</td>
<td>b</td>
<td>r</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETX</td>
<td>DC3</td>
<td>#</td>
<td>3</td>
<td>C</td>
<td>S</td>
<td>c</td>
<td>s</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EOT</td>
<td>DC4</td>
<td>$</td>
<td>4</td>
<td>D</td>
<td>T</td>
<td>d</td>
<td>t</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENQ</td>
<td>NAK</td>
<td>%</td>
<td>5</td>
<td>E</td>
<td>U</td>
<td>e</td>
<td>u</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACK</td>
<td>SYN</td>
<td>&amp;</td>
<td>6</td>
<td>F</td>
<td>V</td>
<td>f</td>
<td>v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BEL</td>
<td>ETB</td>
<td>'</td>
<td>7</td>
<td>G</td>
<td>W</td>
<td>g</td>
<td>w</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BS</td>
<td>CAN</td>
<td>(</td>
<td>8</td>
<td>H</td>
<td>X</td>
<td>h</td>
<td>x</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HT</td>
<td>EM</td>
<td>)</td>
<td>9</td>
<td>I</td>
<td>Y</td>
<td>i</td>
<td>y</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LF</td>
<td>SUB</td>
<td>*</td>
<td>:</td>
<td>J</td>
<td>Z</td>
<td>j</td>
<td>z</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VT</td>
<td>ESC</td>
<td>+</td>
<td>;</td>
<td>K</td>
<td>[</td>
<td>k</td>
<td>{</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FF</td>
<td>FS</td>
<td>,</td>
<td>&lt;</td>
<td>L</td>
<td>\</td>
<td>l</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CR</td>
<td>GS</td>
<td>-</td>
<td>=</td>
<td>M</td>
<td>]</td>
<td>m</td>
<td>}</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SO</td>
<td>RS</td>
<td>.</td>
<td>&gt;</td>
<td>N</td>
<td>^</td>
<td>n</td>
<td>~</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SI</td>
<td>US</td>
<td>/</td>
<td>?</td>
<td>O</td>
<td>_</td>
<td>o</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Unicode Standard 12.0, Copyright © 1991-2019 Unicode, Inc. All rights reserved.
C0 controls

Alias names are those for ISO/IEC 6429:1992. Commonly used alternative aliases are also shown.

<table>
<thead>
<tr>
<th>Code</th>
<th>Alias</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000</td>
<td>NULL</td>
<td>= NULL</td>
</tr>
<tr>
<td>0001</td>
<td>START OF HEADING</td>
<td>= START OF HEADING</td>
</tr>
<tr>
<td>0002</td>
<td>START OF TEXT</td>
<td>= START OF TEXT</td>
</tr>
<tr>
<td>0003</td>
<td>END OF TEXT</td>
<td>= END OF TEXT</td>
</tr>
<tr>
<td>0004</td>
<td>END OF TRANSMISSION</td>
<td>= END OF TRANSMISSION</td>
</tr>
<tr>
<td>0005</td>
<td>ENQUIRY</td>
<td>= ENQUIRY</td>
</tr>
<tr>
<td>0006</td>
<td>ACKNOWLEDGE</td>
<td>= ACKNOWLEDGE</td>
</tr>
<tr>
<td>0007</td>
<td>BELL</td>
<td>= BELL</td>
</tr>
<tr>
<td>0008</td>
<td>BACKSPACE</td>
<td>= BACKSPACE</td>
</tr>
<tr>
<td>0009</td>
<td>CHARACTER TABULATION</td>
<td>= CHARACTER TABULATION</td>
</tr>
<tr>
<td>000A</td>
<td>LINE FEED (LF)</td>
<td>= LINE FEED (LF)</td>
</tr>
<tr>
<td>000B</td>
<td>LINE TABULATION</td>
<td>= LINE TABULATION</td>
</tr>
<tr>
<td>000C</td>
<td>FORM FEED (FF)</td>
<td>= FORM FEED (FF)</td>
</tr>
<tr>
<td>000D</td>
<td>CARRIAGE RETURN (CR)</td>
<td>= CARRIAGE RETURN (CR)</td>
</tr>
<tr>
<td>000E</td>
<td>SHIFT OUT</td>
<td>= SHIFT OUT</td>
</tr>
<tr>
<td>000F</td>
<td>SHIFT IN</td>
<td>= SHIFT IN</td>
</tr>
<tr>
<td>0010</td>
<td>DATA LINK ESCAPE</td>
<td>= DATA LINK ESCAPE</td>
</tr>
<tr>
<td>0011</td>
<td>DEVICE CONTROL ONE</td>
<td>= DEVICE CONTROL ONE</td>
</tr>
<tr>
<td>0012</td>
<td>DEVICE CONTROL TWO</td>
<td>= DEVICE CONTROL TWO</td>
</tr>
<tr>
<td>0013</td>
<td>DEVICE CONTROL THREE</td>
<td>= DEVICE CONTROL THREE</td>
</tr>
<tr>
<td>0014</td>
<td>DEVICE CONTROL FOUR</td>
<td>= DEVICE CONTROL FOUR</td>
</tr>
<tr>
<td>0015</td>
<td>NEGATIVE ACKNOWLEDGE</td>
<td>= NEGATIVE ACKNOWLEDGE</td>
</tr>
<tr>
<td>0016</td>
<td>SYNCHRONOUS IDLE</td>
<td>= SYNCHRONOUS IDLE</td>
</tr>
<tr>
<td>0017</td>
<td>END OF TRANSMISSION BLOCK</td>
<td>= END OF TRANSMISSION BLOCK</td>
</tr>
<tr>
<td>0018</td>
<td>CANCEL</td>
<td>= CANCEL</td>
</tr>
<tr>
<td>0019</td>
<td>END OF MEDIUM</td>
<td>= END OF MEDIUM</td>
</tr>
<tr>
<td>001A</td>
<td>SUBSTITUTE</td>
<td>= SUBSTITUTE</td>
</tr>
</tbody>
</table>

ASCII punctuation and symbols

Based on ISO/IEC 646.

<table>
<thead>
<tr>
<th>Code</th>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0020</td>
<td>SPACE</td>
<td>= SPACE</td>
</tr>
<tr>
<td>0021</td>
<td>EXCLAMATION MARK</td>
<td>= EXCLAMATION MARK</td>
</tr>
<tr>
<td>0022</td>
<td>QUOTATION MARK</td>
<td>= QUOTATION MARK</td>
</tr>
<tr>
<td>0023</td>
<td>NUMBER SIGN</td>
<td>= NUMBER SIGN</td>
</tr>
<tr>
<td>0024</td>
<td>DOLLAR SIGN</td>
<td>= DOLLAR SIGN</td>
</tr>
</tbody>
</table>
### C0 Controls and Basic Latin

<table>
<thead>
<tr>
<th>Code</th>
<th>Character</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0025</td>
<td>%</td>
<td>PERCENT SIGN</td>
</tr>
<tr>
<td></td>
<td>→ 066½</td>
<td>arabic percent sign</td>
</tr>
<tr>
<td></td>
<td>→ 2030‰</td>
<td>per mille sign</td>
</tr>
<tr>
<td></td>
<td>→ 2031 ‰</td>
<td>per ten thousand sign</td>
</tr>
<tr>
<td></td>
<td>→ 2052 ½</td>
<td>commercial minus sign</td>
</tr>
<tr>
<td>0026</td>
<td>&amp;</td>
<td>AMPERSAND</td>
</tr>
<tr>
<td></td>
<td>→ 204A †</td>
<td>tironian sign et</td>
</tr>
<tr>
<td></td>
<td>→ 214B ☵</td>
<td>turned ampersand</td>
</tr>
<tr>
<td></td>
<td>→ 1F674  *)&amp;</td>
<td>heavy ampersand ornament</td>
</tr>
<tr>
<td>0027</td>
<td>’</td>
<td>APOSTROPHE</td>
</tr>
<tr>
<td></td>
<td>= apostrophe-quote (1.0)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* neutral (vertical) glyph with mixed usage</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2019 ’ is preferred for apostrophe</td>
<td></td>
</tr>
<tr>
<td></td>
<td>preferred characters in English for paired quotation marks are 2018 ’ &amp; 2019 ’</td>
<td></td>
</tr>
<tr>
<td></td>
<td>05F3 ’ is preferred for geresh when writing Hebrew</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 0289 ′</td>
<td>modifier letter prime</td>
</tr>
<tr>
<td></td>
<td>→ 028C ″</td>
<td>modifier letter apostrophe</td>
</tr>
<tr>
<td></td>
<td>→ 02C8 ‴</td>
<td>modifier letter vertical line</td>
</tr>
<tr>
<td></td>
<td>→ 0301 ‶</td>
<td>combining acute accent</td>
</tr>
<tr>
<td></td>
<td>→ 0SF3 ‵</td>
<td>hebrew punctuation geresh</td>
</tr>
<tr>
<td></td>
<td>→ 2032 ′</td>
<td>prime</td>
</tr>
<tr>
<td></td>
<td>→ A78C ′</td>
<td>latin small letter saltillo</td>
</tr>
<tr>
<td>0028</td>
<td>(</td>
<td>LEFT PARENTHESIS</td>
</tr>
<tr>
<td></td>
<td>= opening parenthesis (1.0)</td>
<td></td>
</tr>
<tr>
<td>0029</td>
<td>)</td>
<td>RIGHT PARENTHESIS</td>
</tr>
<tr>
<td></td>
<td>= closing parenthesis (1.0)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* see discussion on semantics of paired bracketing characters</td>
<td></td>
</tr>
<tr>
<td>002A</td>
<td>*</td>
<td>ASTERISK</td>
</tr>
<tr>
<td></td>
<td>= star (on phone keypads)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 066D *</td>
<td>arabic five pointed star</td>
</tr>
<tr>
<td></td>
<td>→ 204E *</td>
<td>low asterisk</td>
</tr>
<tr>
<td></td>
<td>→ 2217 *</td>
<td>asterisk operator</td>
</tr>
<tr>
<td></td>
<td>→ 2689 *</td>
<td>sextile</td>
</tr>
<tr>
<td></td>
<td>→ 2731 *</td>
<td>heavy asterisk</td>
</tr>
<tr>
<td>002B</td>
<td>+</td>
<td>PLUS SIGN</td>
</tr>
<tr>
<td></td>
<td>→ 2795 +</td>
<td>heavy plus sign</td>
</tr>
<tr>
<td>002C</td>
<td>,</td>
<td>COMMA</td>
</tr>
<tr>
<td></td>
<td>= decimal separator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 060C ,</td>
<td>arabic comma</td>
</tr>
<tr>
<td></td>
<td>→ 201A ,</td>
<td>single low-9 quotation mark</td>
</tr>
<tr>
<td></td>
<td>→ 2E41 ,</td>
<td>reversed comma</td>
</tr>
<tr>
<td></td>
<td>→ 2E4C ,</td>
<td>medieval comma</td>
</tr>
<tr>
<td></td>
<td>→ 3001 ,</td>
<td>ideographic comma</td>
</tr>
<tr>
<td>002D</td>
<td>-</td>
<td>HYPHEN-MINUS</td>
</tr>
<tr>
<td></td>
<td>= hyphen or minus sign</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* used for either hyphen or minus sign</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 2010 -</td>
<td>hyphen</td>
</tr>
<tr>
<td></td>
<td>→ 2011 [ ‾ ]</td>
<td>non-breaking hyphen</td>
</tr>
<tr>
<td></td>
<td>→ 2012 —</td>
<td>figure dash</td>
</tr>
<tr>
<td></td>
<td>→ 2013 —</td>
<td>en dash</td>
</tr>
<tr>
<td></td>
<td>→ 2043 •</td>
<td>hyphen bullet</td>
</tr>
<tr>
<td></td>
<td>→ 2212 −</td>
<td>minus sign</td>
</tr>
<tr>
<td></td>
<td>→ 10191 ɹ</td>
<td>roman uncia sign</td>
</tr>
<tr>
<td>002E</td>
<td>.</td>
<td>FULL STOP</td>
</tr>
<tr>
<td></td>
<td>= period, dot, decimal point</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* may be rendered as a raised decimal point in old style numbers</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 06D4 .</td>
<td>arabic full stop</td>
</tr>
<tr>
<td></td>
<td>→ 2E3C .</td>
<td>stenographic full stop</td>
</tr>
<tr>
<td></td>
<td>→ 3002 .</td>
<td>ideographic full stop</td>
</tr>
<tr>
<td>002F</td>
<td>/</td>
<td>SOLIDUS</td>
</tr>
<tr>
<td></td>
<td>= slash, virgule</td>
<td></td>
</tr>
<tr>
<td></td>
<td>→ 01CO1</td>
<td>latin letter dental click</td>
</tr>
<tr>
<td></td>
<td>→ 0338</td>
<td>combining long solidus overlay</td>
</tr>
<tr>
<td></td>
<td>→ 2044/</td>
<td>fraction slash</td>
</tr>
<tr>
<td></td>
<td>→ 2215 /</td>
<td>division slash</td>
</tr>
<tr>
<td></td>
<td>→ 2E4A /</td>
<td>dotted solidus</td>
</tr>
</tbody>
</table>

### ASCII digits

- 030 0 DIGIT ZERO
- 031 1 DIGIT ONE
- 032 2 DIGIT TWO
- 033 3 DIGIT THREE
- 034 4 DIGIT FOUR
- 035 5 DIGIT FIVE
- 036 6 DIGIT SIX
- 037 7 DIGIT SEVEN
- 038 8 DIGIT EIGHT
- 039 9 DIGIT NINE

### ASCII punctuation and symbols

- 03A : COLON
  - also used to denote division or scale; for that mathematical use 2236 : is preferred
  - → 0589 : armenian full stop
  - → 05C3 : hebrew punctuation sof pasuq
  - → 2236 : ratio
  - → A789 : modifier letter colon
- 03B ; SEMICOLON
  - this, and not 037 ; , is the preferred character for ‘Greek question mark’
  - → 037 ;, greek question mark
  - → 061B ′ arabic semicolon
  - → 204F : reversed semicolon
- 03C < LESS-THAN SIGN
  - → 2039 < single left-pointing angle quotation mark
  - → 2329 ⟨ left-pointing angle bracket
  - → 27EB ⟨ mathematical left angle bracket
  - → 3008 ⟨ left angle bracket
- 03D = EQUALS SIGN
  - other related characters: 2241 ~ −2263
  - → 2260 ≠ not equal to
  - → 2261 ≡ identical to
  - → A78A + modifier letter short equals sign
  - → 10190 = roman sextans sign
- 03E > GREATER-THAN SIGN
  - → 203A ‡ single right-pointing angle quotation mark
  - → 232A ‡ right-pointing angle bracket
  - → 27E9 ‡ mathematical right angle bracket
  - → 3009 ‡ right angle bracket
- 03F ? QUESTION MARK
  - → 00BF 問い inverted question mark
  - → 037 ؟ greek question mark
  - → 061F ؟ arabic question mark
  - → 2030 ؟ interrobang
  - → 2048 ؟ٍ question exclamation mark
  - → 2049 ؟! exclamation question mark
- 040 @ COMMERCIAL AT
  - = at sign

### Uppercase Latin alphabet

- 041 A LATIN CAPITAL LETTER A
<table>
<thead>
<tr>
<th>Code</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0042</td>
<td>LATIN CAPITAL LETTER B</td>
</tr>
<tr>
<td>B</td>
<td>212C</td>
</tr>
<tr>
<td>0043</td>
<td>LATIN CAPITAL LETTER C</td>
</tr>
<tr>
<td>C</td>
<td>2102 C</td>
</tr>
<tr>
<td>0044</td>
<td>LATIN CAPITAL LETTER D</td>
</tr>
<tr>
<td>D</td>
<td>212D</td>
</tr>
<tr>
<td>0045</td>
<td>LATIN CAPITAL LETTER E</td>
</tr>
<tr>
<td>E</td>
<td>2107 E</td>
</tr>
<tr>
<td>0046</td>
<td>LATIN CAPITAL LETTER F</td>
</tr>
<tr>
<td>F</td>
<td>2131 F</td>
</tr>
<tr>
<td>0047</td>
<td>LATIN CAPITAL LETTER G</td>
</tr>
<tr>
<td>G</td>
<td>210B</td>
</tr>
<tr>
<td>0048</td>
<td>LATIN CAPITAL LETTER H</td>
</tr>
<tr>
<td>H</td>
<td>210C</td>
</tr>
<tr>
<td>0049</td>
<td>LATIN CAPITAL LETTER I</td>
</tr>
<tr>
<td>I</td>
<td>2110 I</td>
</tr>
<tr>
<td>004A</td>
<td>LATIN CAPITAL LETTER J</td>
</tr>
<tr>
<td>J</td>
<td>212A</td>
</tr>
<tr>
<td>004B</td>
<td>LATIN CAPITAL LETTER K</td>
</tr>
<tr>
<td>K</td>
<td>2112 K</td>
</tr>
<tr>
<td>004C</td>
<td>LATIN CAPITAL LETTER L</td>
</tr>
<tr>
<td>L</td>
<td>2133 L</td>
</tr>
<tr>
<td>004D</td>
<td>LATIN CAPITAL LETTER M</td>
</tr>
<tr>
<td>M</td>
<td>2115 M</td>
</tr>
<tr>
<td>004E</td>
<td>LATIN CAPITAL LETTER N</td>
</tr>
<tr>
<td>N</td>
<td>2119 N</td>
</tr>
<tr>
<td>004F</td>
<td>LATIN CAPITAL LETTER O</td>
</tr>
<tr>
<td>O</td>
<td>2120 O</td>
</tr>
<tr>
<td>0050</td>
<td>LATIN CAPITAL LETTER P</td>
</tr>
<tr>
<td>P</td>
<td>2119 P</td>
</tr>
<tr>
<td>0051</td>
<td>LATIN CAPITAL LETTER Q</td>
</tr>
<tr>
<td>Q</td>
<td>211A Q</td>
</tr>
<tr>
<td>0052</td>
<td>LATIN CAPITAL LETTER R</td>
</tr>
<tr>
<td>R</td>
<td>211B R</td>
</tr>
<tr>
<td>0053</td>
<td>LATIN CAPITAL LETTER S</td>
</tr>
<tr>
<td>S</td>
<td>212C S</td>
</tr>
<tr>
<td>0054</td>
<td>LATIN CAPITAL LETTER T</td>
</tr>
<tr>
<td>T</td>
<td>212C T</td>
</tr>
<tr>
<td>0055</td>
<td>LATIN CAPITAL LETTER U</td>
</tr>
<tr>
<td>U</td>
<td>212C U</td>
</tr>
<tr>
<td>0056</td>
<td>LATIN CAPITAL LETTER V</td>
</tr>
<tr>
<td>V</td>
<td>212C V</td>
</tr>
<tr>
<td>0057</td>
<td>LATIN CAPITAL LETTER W</td>
</tr>
<tr>
<td>W</td>
<td>212C W</td>
</tr>
<tr>
<td>0058</td>
<td>LATIN CAPITAL LETTER X</td>
</tr>
<tr>
<td>X</td>
<td>212C X</td>
</tr>
<tr>
<td>0059</td>
<td>LATIN CAPITAL LETTER Y</td>
</tr>
<tr>
<td>Y</td>
<td>212C Y</td>
</tr>
<tr>
<td>005A</td>
<td>LATIN CAPITAL LETTER Z</td>
</tr>
<tr>
<td>Z</td>
<td>212C Z</td>
</tr>
</tbody>
</table>

**ASCII punctuation and symbols**

<table>
<thead>
<tr>
<th>Code</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>005B</td>
<td>LEFT SQUARE BRACKET</td>
</tr>
<tr>
<td>[</td>
<td>opening square bracket (1.0)</td>
</tr>
<tr>
<td>005C</td>
<td>REVERSE SOLIDUS</td>
</tr>
<tr>
<td>\</td>
<td>backslash</td>
</tr>
<tr>
<td>005D</td>
<td>RIGHT SQUARE BRACKET</td>
</tr>
<tr>
<td>]</td>
<td>closing square bracket (1.0)</td>
</tr>
<tr>
<td>005E</td>
<td>CIRCUMFLEX ACCENT</td>
</tr>
<tr>
<td>^</td>
<td>this is a spacing character</td>
</tr>
<tr>
<td>005F</td>
<td>LOW LINE</td>
</tr>
<tr>
<td>\</td>
<td>spacing underscore (1.0)</td>
</tr>
</tbody>
</table>

**Lowercase Latin alphabet**

<table>
<thead>
<tr>
<th>Code</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0061</td>
<td>LATIN SMALL LETTER A</td>
</tr>
<tr>
<td>A</td>
<td>a</td>
</tr>
<tr>
<td>0062</td>
<td>LATIN SMALL LETTER B</td>
</tr>
<tr>
<td>B</td>
<td>b</td>
</tr>
<tr>
<td>0063</td>
<td>LATIN SMALL LETTER C</td>
</tr>
<tr>
<td>C</td>
<td>c</td>
</tr>
<tr>
<td>0064</td>
<td>LATIN SMALL LETTER D</td>
</tr>
<tr>
<td>D</td>
<td>d</td>
</tr>
<tr>
<td>0065</td>
<td>LATIN SMALL LETTER E</td>
</tr>
<tr>
<td>E</td>
<td>e</td>
</tr>
<tr>
<td>0066</td>
<td>LATIN SMALL LETTER F</td>
</tr>
<tr>
<td>F</td>
<td>f</td>
</tr>
<tr>
<td>0067</td>
<td>LATIN SMALL LETTER G</td>
</tr>
<tr>
<td>G</td>
<td>g</td>
</tr>
<tr>
<td>0068</td>
<td>LATIN SMALL LETTER H</td>
</tr>
<tr>
<td>H</td>
<td>h</td>
</tr>
<tr>
<td>0069</td>
<td>LATIN SMALL LETTER I</td>
</tr>
<tr>
<td>I</td>
<td>i</td>
</tr>
<tr>
<td>006A</td>
<td>LATIN SMALL LETTER J</td>
</tr>
<tr>
<td>J</td>
<td>j</td>
</tr>
<tr>
<td>006B</td>
<td>LATIN SMALL LETTER K</td>
</tr>
<tr>
<td>K</td>
<td>k</td>
</tr>
<tr>
<td>006C</td>
<td>LATIN SMALL LETTER L</td>
</tr>
<tr>
<td>L</td>
<td>l</td>
</tr>
<tr>
<td>006D</td>
<td>LATIN SMALL LETTER M</td>
</tr>
<tr>
<td>M</td>
<td>m</td>
</tr>
<tr>
<td>006E</td>
<td>LATIN SMALL LETTER N</td>
</tr>
<tr>
<td>N</td>
<td>n</td>
</tr>
<tr>
<td>006F</td>
<td>LATIN SMALL LETTER O</td>
</tr>
<tr>
<td>O</td>
<td>o</td>
</tr>
<tr>
<td>0070</td>
<td>LATIN SMALL LETTER P</td>
</tr>
<tr>
<td>P</td>
<td>p</td>
</tr>
<tr>
<td>0071</td>
<td>LATIN SMALL LETTER Q</td>
</tr>
<tr>
<td>Q</td>
<td>q</td>
</tr>
<tr>
<td>0072</td>
<td>LATIN SMALL LETTER R</td>
</tr>
<tr>
<td>R</td>
<td>r</td>
</tr>
<tr>
<td>0073</td>
<td>LATIN SMALL LETTER S</td>
</tr>
<tr>
<td>S</td>
<td>s</td>
</tr>
<tr>
<td>0074</td>
<td>LATIN SMALL LETTER T</td>
</tr>
<tr>
<td>T</td>
<td>t</td>
</tr>
</tbody>
</table>

The Unicode Standard 12.0, Copyright © 1991-2019 Unicode, Inc. All rights reserved.
0075 u LATIN SMALL LETTER U
0076 v LATIN SMALL LETTER V
0077 w LATIN SMALL LETTER W
0078 x LATIN SMALL LETTER X
0079 y LATIN SMALL LETTER Y
007A z LATIN SMALL LETTER Z

→ 01B6 z latin small letter z with stroke

ASCII punctuation and symbols
007B | LEFT CURLY BRACKET
  = opening curly bracket (1.0)
  = left brace
007C | VERTICAL LINE
  = vertical bar
  • used in pairs to indicate absolute value
  → 01C0 | latin letter dental click
  → 05C0 | hebrew punctuation paseq
  → 2223 | divides
  → 2758 | light vertical bar
007D } RIGHT CURLY BRACKET
  = closing curly bracket (1.0)
  = right brace
007E ~ TILDE
  • this is a spacing character
  → 02DC ~ small tilde
  → 0303 ◐ combining tilde
  → 2053 — swung dash
  → 223C ~ tilde operator
  → FF5E ~ fullwidth tilde

Control character
007F <control>
  = DELETE