C1 Controls and Latin-1 Supplement  
Range: 0080–00FF

This file contains an excerpt from the character code tables and list of character names for The Unicode Standard, Version 7.0

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-7.0/ for charts showing only the characters added in Unicode 7.0. See http://www.unicode.org/Public/7.0.0/charts/ for a complete archived file of character code charts for Unicode 7.0.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 7.0 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 7.0, online at http://www.unicode.org/versions/Unicode7.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

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 © 1991-2014 Unicode, Inc. All rights reserved.
<table>
<thead>
<tr>
<th>( \text{UCS-28} )</th>
<th>( \text{UCS-29} )</th>
<th>( \text{UCS-30} )</th>
<th>( \text{UCS-31} )</th>
<th>( \text{UCS-32} )</th>
<th>( \text{UCS-33} )</th>
<th>( \text{UCS-34} )</th>
<th>( \text{UCS-35} )</th>
<th>( \text{UCS-36} )</th>
<th>( \text{UCS-37} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Unicode Standard 7.0, Copyright © 1991-2014 Unicode, Inc. All rights reserved.
C1 controls

0080 <control> = BREAK PERMITTED HERE
→ 200B [ ] zero width space

0081 <control> = NO BREAK HERE
→ 2060 [ ] word joiner

0082 <control> = BREAK PERMITTED HERE
→ 200B [ ] zero width space

0083 <control> = NO BREAK HERE
→ 2060 [ ] word joiner

0084 <control> = formerly known as INDEX

0085 <control> = NEXT LINE (NEL)

0086 <control> = START OF SELECTED AREA

0087 <control> = END OF SELECTED AREA

0088 <control> = CHARACTER TABULATION SET

0089 <control> = CHARACTER TABULATION WITH JUSTIFICATION

008A <control> = LINE TABULATION SET

008B <control> = PARTIAL LINE FORWARD

008C <control> = PARTIAL LINE BACKWARD

008D <control> = REVERSE LINE FEED

008E <control> = SINGLE SHIFT TWO

008F <control> = SINGLE SHIFT THREE

0090 <control> = DEVICE CONTROL STRING

0091 <control> = PRIVATE USE ONE

0092 <control> = PRIVATE USE TWO

0093 <control> = SET TRANSMIT STATE

0094 <control> = CANCEL CHARACTER

0095 <control> = MESSAGE WAITING

0096 <control> = START OF GUARDED AREA

0097 <control> = END OF GUARDED AREA

0098 <control> = START OF STRING

0099 <control> = SINGLE CHARACTER INTRODUCER

009A <control> = SINGLE CHARACTER INTRODUCER

009B <control> = CONTROL SEQUENCE INTRODUCER

009C ST = STRING TERMINATOR

009D OM = OPERATING SYSTEM COMMAND

009E PW = PRIVACY MESSAGE

009F AP = APPLICATION PROGRAM COMMAND

Latin-1 punctuation and symbols
Based on ISO/IEC 8859-1 (aka Latin-1) from here.

00A0 ¬ NO-BREAK SPACE
• commonly abbreviated as NBSP
→ 0020 [ ] space
→ 2007 [ ] figure space
→ 202F [ ] narrow no-break space
→ 2060 [ ] word joiner
→ FEFF [ ] zero width no-break space
≈ <noBreak> 0020 [ ]

00A1 ¡ INVERTED EXCLAMATION MARK
• Spanish, Asturian, Galician
→ 0021 [ !] exclamation mark

00A2 ¢ CENT SIGN

00A3 £ POUND SIGN
= pound sterling, Irish punt, Italian lira, Turkish lira, etc.
→ 20A4 ₤ lira sign
→ 20BA ₺ turkish lira sign
→ 10192 𐆒 roman semuncia sign

00A4 ¢ CURRENCY SIGN
• other currency symbol characters:
  → 20A0 ₵–20BA ₺ turkish lira sign
  → 0024 $ dollar sign

00A5 ¥ YEN SIGN
= yuan sign
• glyph may have one or two crossbars

00A6 | BROKEN BAR
= broken vertical bar (1.0)
= parted rule (in typography)

00A7 § SECTION SIGN
• paragraph sign in some European usage

00A8 ⸅ DIAERESIS
• this is a spacing character
→ 0308 ̈ combining diaeresis
≈ 0020 [ ]

00A9 © COPYRIGHT SIGN
→ 2117 © sound recording copyright
→ 24B8 Ⓢ circled latin capital letter c

00AA ª FEMININE ORDINAL INDICATOR
• Spanish
≈ <super> 0061 a

00AB « LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
= left guillemet
= chevrons (in typography)
• usually opening, sometimes closing
→ 226A ≦ much less-than
→ 300A ⬈ left double angle bracket

00AC ¬ NOT SIGN
= angled dash (in typography)
→ 2310 ¬ reversed not sign

00AD ⌦ SOFT HYPHEN
= discretionary hyphen
• commonly abbreviated as SHY

00AE ® REGISTERED SIGN
= registered trade mark sign (1.0)
→ 24C7 Ⓟ circled latin capital letter r
### Controls and Latin-1 Supplement

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00AF</td>
<td>MACRON</td>
</tr>
<tr>
<td>00B0</td>
<td>DEGREE SIGN</td>
</tr>
<tr>
<td>00B1</td>
<td>PLUS-MINUS SIGN</td>
</tr>
<tr>
<td>00B2</td>
<td>SUPERSCRIPT TWO</td>
</tr>
<tr>
<td>00B3</td>
<td>SUPERSCRIPT THREE</td>
</tr>
<tr>
<td>00B4</td>
<td>ACUTE ACCENT</td>
</tr>
<tr>
<td>00B5</td>
<td>MICRO SIGN</td>
</tr>
<tr>
<td>00B6</td>
<td>PILCROW SIGN</td>
</tr>
<tr>
<td>00B7</td>
<td>MIDDLE DOT</td>
</tr>
<tr>
<td>00B9</td>
<td>SUPERSCRIPT ONE</td>
</tr>
<tr>
<td>00BA</td>
<td>MASCULINE ORDINAL INDICATOR</td>
</tr>
<tr>
<td>00BB</td>
<td>RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK</td>
</tr>
<tr>
<td>00BC</td>
<td>VULGAR FRACTION ONE QUARTER</td>
</tr>
<tr>
<td>00BD</td>
<td>VULGAR FRACTION ONE HALF</td>
</tr>
<tr>
<td>00BE</td>
<td>VULGAR FRACTION THREE QUARTERS</td>
</tr>
<tr>
<td>00BF</td>
<td>INVERTED QUESTION MARK</td>
</tr>
</tbody>
</table>

#### Letters

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00C0</td>
<td>LATIN CAPITAL LETTER A WITH GRAVE</td>
</tr>
<tr>
<td>00C1</td>
<td>LATIN CAPITAL LETTER A WITH ACUTE</td>
</tr>
<tr>
<td>00C2</td>
<td>LATIN CAPITAL LETTER A WITH CIRCUMFLEX</td>
</tr>
<tr>
<td>00C3</td>
<td>LATIN CAPITAL LETTER A WITH TILDE</td>
</tr>
<tr>
<td>00C4</td>
<td>LATIN CAPITAL LETTER A WITH DIAERESIS</td>
</tr>
<tr>
<td>00C5</td>
<td>LATIN CAPITAL LETTER A WITH RING ABOVE</td>
</tr>
<tr>
<td>00C6</td>
<td>LATIN CAPITAL LETTER AE</td>
</tr>
<tr>
<td>00C7</td>
<td>LATIN CAPITAL LETTER C WITH CEDILLA</td>
</tr>
<tr>
<td>00C8</td>
<td>LATIN CAPITAL LETTER E WITH GRAVE</td>
</tr>
<tr>
<td>00C9</td>
<td>LATIN CAPITAL LETTER E WITH ACUTE</td>
</tr>
<tr>
<td>00CA</td>
<td>LATIN CAPITAL LETTER E WITH CIRCUMFLEX</td>
</tr>
<tr>
<td>00CB</td>
<td>LATIN CAPITAL LETTER E WITH DIAERESIS</td>
</tr>
<tr>
<td>00CC</td>
<td>LATIN CAPITAL LETTER I WITH GRAVE</td>
</tr>
<tr>
<td>00CD</td>
<td>LATIN CAPITAL LETTER I WITH ACUTE</td>
</tr>
<tr>
<td>00CE</td>
<td>LATIN CAPITAL LETTER I WITH CIRCUMFLEX</td>
</tr>
<tr>
<td>00CF</td>
<td>LATIN CAPITAL LETTER I WITH DIAERESIS</td>
</tr>
</tbody>
</table>
00D0 _ETH  LATIN CAPITAL LETTER ETH
  → 00F0  latin small letter eth
  → 0110 Ð  latin capital letter d with stroke
  → 0189 Ð  latin capital letter african d

00D1 Ễ LATIN CAPITAL LETTER N WITH TILDE
  ≡ 004E كسب latin capital letter e with grave

00D2 Ơ LATIN CAPITAL LETTER O WITH GRAVE
  ≡ 004F 0300 ơ

00D3 Ơ LATIN CAPITAL LETTER O WITH ACUTE
  ≡ 004F 0302 ơ

00D4 Ơ LATIN CAPITAL LETTER O WITH CIRCUMFLEX
  ≡ 004F 0303 ơ

00D5 Ơ LATIN CAPITAL LETTER O WITH TILDE
  ≡ 004F 0301 ơ

00D6 Ơ LATIN CAPITAL LETTER O WITH DIAERESIS
  ≡ 004F 0308 ơ

Mathematical operator
00D7  xeprint MULTIPLICATION SIGN
  = z notation Cartesian product
  → 274C  ×  cross mark

Letters
00D8 Ø LATIN CAPITAL LETTER O WITH STROKE
  = o slash
  → 2205 Ø  empty set

00D9 Ù LATIN CAPITAL LETTER U WITH GRAVE
  ≡ 0055 Ù  0300 ù

00DA Ü LATIN CAPITAL LETTER U WITH ACUTE
  ≡ 0055 Ü  0301 û

00DB Ù LATIN CAPITAL LETTER U WITH CIRCUMFLEX
  ≡ 0055 Ù  0302 ù

00DC Ù LATIN CAPITAL LETTER U WITH DIAERESIS
  ≡ 0055 Ù  0308 ù

00DD Ÿ LATIN CAPITAL LETTER Y WITH ACUTE
  ≡ 0059 Ÿ  0301 ù

00DE Đ LATIN CAPITAL LETTER THORN

00DF ß LATIN SMALL LETTER SHARP S
  = Eszett
  • German
  • uppercase is “SS”
  • typographically the glyph for this character can be based on a ligature of 017F ß either 0073 s or with an old-style glyph for 007A z (the latter similar in appearance to 0292 ʐ). Both forms exist interchangeably today:
  → 0382 ß  greek small letter beta
  → 1E9E Ÿ  latin capital letter sharp s

00E0 à LATIN SMALL LETTER A WITH GRAVE
  ≡ 0061 à  0300 å

00E1 â LATIN SMALL LETTER A WITH ACUTE
  ≡ 0061 â  0301 è

00E2 à LATIN SMALL LETTER A WITH CIRCUMFLEX
  ≡ 0061 à  0302 ê

00E3 à LATIN SMALL LETTER A WITH TILDE
  • Portuguese
  ≡ 0061 à  0303 ê

00E4 ä LATIN SMALL LETTER A WITH DIAERESIS
  ≡ 0061 ä  0308 ä

00E5 à LATIN SMALL LETTER A WITH RING ABOVE
  • Danish, Norwegian, Swedish, Walloon
  ≡ 0061 à  030A æ

00E6 æ LATIN SMALL LETTER AE
  = latin small ligature ae (1.0)
  = ash (from Old English aesc)
  • Danish, Norwegian, Icelandic, Faroese, Old English, French, IPA
  → 0153 æ  latin small ligature oe
  → 04D5 æ  cyrillic small ligature a ie

00E7 ç LATIN SMALL LETTER C WITH CEDILLA
  ≡ 0063 ç  0327 ç

00E8 è LATIN SMALL LETTER E WITH GRAVE
  ≡ 0065 è  0300 ę

00E9 é LATIN SMALL LETTER E WITH ACUTE
  ≡ 0065 é  0301 ē

00EA ë LATIN SMALL LETTER E WITH CIRCUMFLEX
  ≡ 0065 ë  0302 ě

00EB ë LATIN SMALL LETTER E WITH DIAERESIS
  ≡ 0065 ë  0308 ě

00EC í LATIN SMALL LETTER I WITH GRAVE
  • Italian, Malagasy
  ≡ 0069 í  0300 ĩ

00ED ñ LATIN SMALL LETTER I WITH ACUTE
  ≡ 0069 í  0301 ĩ

00EE ï LATIN SMALL LETTER I WITH CIRCUMFLEX
  ≡ 0069 ï  0302 ī

00EF ï LATIN SMALL LETTER I WITH DIAERESIS
  ≡ 0069 ï  0308 ī

00F0 ð LATIN SMALL LETTER ETH
  • Icelandic, Faroese, Old English, IPA
  → 00D0 Ð  latin capital letter eth
  → 0384 ð  greek small letter delta
  → 2202 ð  partial differential

00F1 ñ LATIN SMALL LETTER N WITH TILDE
  ≡ 006E ñ  0303 ň

00F2 ò LATIN SMALL LETTER O WITH GRAVE
  ≡ 006F ó  0300 ô

00F3 ó LATIN SMALL LETTER O WITH ACUTE
  ≡ 006F ó  0301 ô

00F4 ô LATIN SMALL LETTER O WITH CIRCUMFLEX
  ≡ 006F ô  0302 õ

00F5 ô LATIN SMALL LETTER O WITH TILDE
  • Portuguese, Estonian
  ≡ 006F ô  0303 ŕ

00F6 õ LATIN SMALL LETTER O WITH DIAERESIS
  ≡ 006F õ  0308 ŕ

Mathematical operator
00F7 ÷ DIVISION SIGN
  = obelus
  • occasionally used as an alternate, more visually distinct version of 2212 — or 2011 ➗ in some contexts
  • historically used as a punctuation mark to denote questionable passages in manuscripts
  → 0708 ÷  syriac harklean obelus
  → 2052 ÷  commercial minus sign
  → 2212 —  minus sign
  → 2215 ÷  division slash
  → 2223 ÷  divides
  → 2236 :  ratio
  → 2797 ÷  heavy division sign

The Unicode Standard 7.0, Copyright © 1991-2014 Unicode, Inc. All rights reserved.
<table>
<thead>
<tr>
<th>Code</th>
<th>Letter</th>
<th>Description</th>
</tr>
</thead>
</table>
| 00F8 | ø      | LATIN SMALL LETTER O WITH STROKE  
  - ø slash  
  - Danish, Norwegian, Faroese, IPA |
| 00F9 | ù      | LATIN SMALL LETTER U WITH GRAVE  
  - French, Italian  
  - 0075 u 0300 |
| 00FA | ū      | LATIN SMALL LETTER U WITH ACUTE  
  - 0075 u 0301 |
| 00FB | ŭ      | LATIN SMALL LETTER U WITH CIRCUMFLEX  
  - 0075 u 0302 |
| 00FC | û      | LATIN SMALL LETTER U WITH DIAERESIS  
  - 0075 u 0308 |
| 00FD | ý      | LATIN SMALL LETTER Y WITH ACUTE  
  - Czech, Slovak, Icelandic, Faroese, Welsh, Malagasy  
  - 0079 y 0301 |
| 00FE | þ      | LATIN SMALL LETTER THORN  
  - Icelandic, Old English, phonetics  
  - Runic letter borrowed into Latin script  
  - 16A6 þ runic letter thursaz thurs thorn |
| 00FF | ſ      | LATIN SMALL LETTER Y WITH DIAERESIS  
  - French, medieval Hungarian orthography  
  - 0178 ſ latin capital letter y with diaeresis  
  - 0079 y 0308 |