

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, last updated for

The Unicode Standard, Version 4.1.

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see

<http://www.unicode.org/errata/>

See <http://www.unicode.org/charts/PDF/Unicode-4.1/> for charts showing only the characters added in Unicode 4.1.

See <http://www.unicode.org/Public/4.1.0/charts/> for a complete archived file of character code charts for Unicode 4.1.

Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.1 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 excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.1, at <http://www.unicode.org/versions/Unicode4.1.0/>, including sections unchanged in The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, and #34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

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.

See <http://www.unicode.org/charts/fonts.html> for a list.

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 information in this file may be updated from time to time. The Unicode Consortium is not liable for errors or omissions in this excerpt 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.

See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

Copyright © 1991-2005 Unicode, Inc. All rights reserved.

	008	009	00A	00B	00C	00D	00E	00F
0	XXX 0080	DCS 0090	NB SP 00A0	◊ 00B0	À 00C0	Đ 00D0	à 00E0	ď 00F0
1	XXX 0081	PU1 0091	¡ 00A1	± 00B1	Á 00C1	Ñ 00D1	á 00E1	ñ 00F1
2	BPH 0082	PU2 0092	¢ 00A2	² 00B2	Â 00C2	Ò 00D2	â 00E2	ò 00F2
3	NBH 0083	STS 0093	£ 00A3	³ 00B3	Ã 00C3	Ó 00D3	ã 00E3	ó 00F3
4	IND 0084	CCH 0094	¤ 00A4	´ 00B4	Ä 00C4	Ô 00D4	ä 00E4	ô 00F4
5	NEL 0085	MW 0095	¥ 00A5	µ 00B5	Å 00C5	Õ 00D5	å 00E5	õ 00F5
6	SSA 0086	SPA 0096	¦ 00A6	¶ 00B6	Æ 00C6	Ö 00D6	æ 00E6	ö 00F6
7	ESA 0087	EPA 0097	§ 00A7	· 00B7	Ç 00C7	× 00D7	ç 00E7	÷ 00F7
8	HTS 0088	SOS 0098	¨ 00A8	¸ 00B8	È 00C8	Ø 00D8	è 00E8	ø 00F8
9	HTJ 0089	XXX 0099	© 00A9	¹ 00B9	É 00C9	Ù 00D9	é 00E9	ù 00F9
A	VTS 008A	SCI 009A	ª 00AA	º 00BA	Ê 00CA	Ú 00DA	ê 00EA	ú 00FA
B	PLD 008B	CSI 009B	« 00AB	» 00BB	Ë 00CB	Û 00DB	ë 00EB	û 00FB
C	PLU 008C	ST 009C	¬ 00AC	¼ 00BC	Ì 00CC	Ü 00DC	ì 00EC	ü 00FC
D	RI 008D	OSC 009D	SHY 00AD	½ 00BD	Í 00CD	Ý 00DD	í 00ED	ý 00FD
E	SS2 008E	PM 009E	® 00AE	¾ 00BE	Î 00CE	Þ 00DE	î 00EE	þ 00FE
F	SS3 008F	APC 009F	— 00AF	¿ 00BF	Ï 00CF	ß 00DF	ï 00EF	ÿ 00FF

C1 controls

Alias names are those for ISO/IEC 6429:1992.

0080		<control>
0081		<control>
0082		<control> = BREAK PERMITTED HERE
0083		<control> = NO BREAK HERE
0084		<control>
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>
009A		<control> = SINGLE CHARACTER INTRODUCER
009B		<control> = CONTROL SEQUENCE INTRODUCER
009C		<control> = STRING TERMINATOR
009D		<control> = OPERATING SYSTEM COMMAND
009E		<control> = PRIVACY MESSAGE

009F <control>
= APPLICATION PROGRAM COMMAND

Latin-1 punctuation and symbols

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

00A0		NO-BREAK SPACE = 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
00A4		CURRENCY SIGN • other currency symbol characters: 20A0 € –20AF ₤ → 0024 \$ dollar sign
00A5		YEN SIGN = yuan sign • glyph may have one or two crossbars
00A6		BROKEN BAR = BROKEN VERTICAL BAR = parted rule (in typography)
00A7		SECTION SIGN • paragraph sign in some European usage
00A8		DIAERESIS • this is a spacing character → 0308 ¨ combining diaeresis ≈ 0020 0308 ¨
00A9		COPYRIGHT SIGN → 2117 ® sound recording copyright
00AA		FEMININE ORDINAL INDICATOR • Spanish ≈ <super> 0061 a
00AB		LEFT-POINTING DOUBLE ANGLE QUOTATION MARK = LEFT POINTING 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 = SHY = discretionary hyphen → 1806 ᠰ mongolian todo soft hyphen
00AE		REGISTERED SIGN = REGISTERED TRADE MARK SIGN

00AF	ˆ	MACRON = overline, APL overbar • this is a spacing character → 02C9 ˆ modifier letter macron → 0304 ˆ combining macron → 0305 ˆ combining overline ≈ 0020 [SP] 0304 ˆ
00B0	°	DEGREE SIGN • this is a spacing character → 02DA ° ring above → 030A ° combining ring above → 2070 ° superscript zero → 2218 ° ring operator
00B1	±	PLUS-MINUS SIGN → 2213 ∓ minus-or-plus sign
00B2	²	SUPERSCRIFT TWO = squared • other superscript digit characters: 2070 ° –2079 ° → 00B9 ¹ superscript one ≈ <super> 0032 2
00B3	³	SUPERSCRIFT THREE = cubed → 00B9 ¹ superscript one ≈ <super> 0033 3
00B4	´	ACUTE ACCENT • this is a spacing character → 02B9 ´ modifier letter prime → 02CA ´ modifier letter acute accent → 0301 ´ combining acute accent → 2032 ´ prime ≈ 0020 [SP] 0301 ´
00B5	μ	MICRO SIGN ≈ 03BC μ greek small letter mu
00B6	¶	PILCROW SIGN = PARAGRAPH SIGN • section sign in some European usage → 204B ¶ reversed pilcrow sign → 2761 ¶ curved stem paragraph sign ornament
00B7	·	MIDDLE DOT = midpoint (in typography) = Georgian comma = Greek middle dot (ano teleia) → 0387 · greek ano teleia → 2022 • bullet → 2024 . one dot leader → 2027 · hyphenation point → 2219 • bullet operator → 22C5 · dot operator → 30FB • katakana middle dot
00B8	¸	CEDILLA • this is a spacing character • other spacing accent characters: 02D8 ˘ –02DB ˙ → 0327 ¸ combining cedilla ≈ 0020 [SP] 0327 ¸
00B9	¹	SUPERSCRIFT ONE → 00B2 ² superscript two → 00B3 ³ superscript three ≈ <super> 0031 1
00BA	º	MASCULINE ORDINAL INDICATOR • Spanish ≈ <super> 006F o

00BB	»	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK = RIGHT POINTING GUILLEMET • usually closing, sometimes opening → 226B » much greater-than → 300B » right double angle bracket
00BC	¼	VULGAR FRACTION ONE QUARTER • bar may be horizontal or slanted • other fraction characters: 2153 ⅓ –215E ⅔ ≈ <fraction> 0031 1 2044 / 0034 4
00BD	½	VULGAR FRACTION ONE HALF • bar may be horizontal or slanted ≈ <fraction> 0031 1 2044 / 0032 2
00BE	¾	VULGAR FRACTION THREE QUARTERS • bar may be horizontal or slanted ≈ <fraction> 0033 3 2044 / 0034 4
00BF	¿	INVERTED QUESTION MARK = turned question mark • Spanish → 003F ? question mark

Letters

00C0	À	LATIN CAPITAL LETTER A WITH GRAVE ≈ 0041 A 0300 ò
00C1	Á	LATIN CAPITAL LETTER A WITH ACUTE ≈ 0041 A 0301 ó
00C2	Â	LATIN CAPITAL LETTER A WITH CIRCUMFLEX ≈ 0041 A 0302 ô
00C3	Ã	LATIN CAPITAL LETTER A WITH TILDE ≈ 0041 A 0303 õ
00C4	Ä	LATIN CAPITAL LETTER A WITH DIAERESIS ≈ 0041 A 0308 ö
00C5	Å	LATIN CAPITAL LETTER A WITH RING ABOVE → 212B Å angstrom sign ≈ 0041 A 030A å
00C6	Æ	LATIN CAPITAL LETTER AE = LATIN CAPITAL LIGATURE AE
00C7	Ç	LATIN CAPITAL LETTER C WITH CEDILLA ≈ 0043 C 0327 ç
00C8	È	LATIN CAPITAL LETTER E WITH GRAVE ≈ 0045 E 0300 è
00C9	É	LATIN CAPITAL LETTER E WITH ACUTE ≈ 0045 E 0301 é
00CA	Ê	LATIN CAPITAL LETTER E WITH CIRCUMFLEX ≈ 0045 E 0302 ê
00CB	Ë	LATIN CAPITAL LETTER E WITH DIAERESIS ≈ 0045 E 0308 ë
00CC	Ì	LATIN CAPITAL LETTER I WITH GRAVE ≈ 0049 I 0300 ì
00CD	Í	LATIN CAPITAL LETTER I WITH ACUTE ≈ 0049 I 0301 í
00CE	Î	LATIN CAPITAL LETTER I WITH CIRCUMFLEX ≈ 0049 I 0302 î
00CF	Ï	LATIN CAPITAL LETTER I WITH DIAERESIS ≈ 0049 I 0308 ï

00D0	Ð	LATIN CAPITAL LETTER ETH → 00F0 ð latin small letter eth → 0110 Đ latin capital letter d with stroke → 0189 Ð latin capital letter african d
00D1	Ñ	LATIN CAPITAL LETTER N WITH TILDE ≡ 004E N 0303 ñ
00D2	Ò	LATIN CAPITAL LETTER O WITH GRAVE ≡ 004F O 0300 ò
00D3	Ó	LATIN CAPITAL LETTER O WITH ACUTE ≡ 004F O 0301 ó
00D4	Ô	LATIN CAPITAL LETTER O WITH CIRCUMFLEX ≡ 004F O 0302 ô
00D5	Õ	LATIN CAPITAL LETTER O WITH TILDE ≡ 004F O 0303 õ
00D6	Ö	LATIN CAPITAL LETTER O WITH DIAERESIS ≡ 004F O 0308 ö

Mathematical operator

00D7	×	MULTIPLICATION SIGN = z notation Cartesian product
------	---	---

Letters

00D8	Ø	LATIN CAPITAL LETTER O WITH STROKE = LATIN CAPITAL LETTER O SLASH → 2205 Ø empty set
00D9	Ù	LATIN CAPITAL LETTER U WITH GRAVE ≡ 0055 U 0300 ù
00DA	Ú	LATIN CAPITAL LETTER U WITH ACUTE ≡ 0055 U 0301 ú
00DB	Û	LATIN CAPITAL LETTER U WITH CIRCUMFLEX ≡ 0055 U 0302 û
00DC	Ü	LATIN CAPITAL LETTER U WITH DIAERESIS ≡ 0055 U 0308 ü
00DD	Ý	LATIN CAPITAL LETTER Y WITH ACUTE ≡ 0059 Y 0301 ý
00DE	Þ	LATIN CAPITAL LETTER THORN
00DF	ß	LATIN SMALL LETTER SHARP S = Eszett • German • uppercase is “SS” • in origin a ligature of 017F f and 0073 s → 03B2 β greek small letter beta
00E0	À	LATIN SMALL LETTER A WITH GRAVE ≡ 0061 a 0300 à
00E1	Á	LATIN SMALL LETTER A WITH ACUTE ≡ 0061 a 0301 á
00E2	Â	LATIN SMALL LETTER A WITH CIRCUMFLEX ≡ 0061 a 0302 â
00E3	Ã	LATIN SMALL LETTER A WITH TILDE • Portuguese ≡ 0061 a 0303 ã
00E4	Ä	LATIN SMALL LETTER A WITH DIAERESIS ≡ 0061 a 0308 ä
00E5	Å	LATIN SMALL LETTER A WITH RING ABOVE • Danish, Norwegian, Swedish, Walloon ≡ 0061 a 030A å

00E6	Æ	LATIN SMALL LETTER AE = LATIN SMALL LIGATURE AE = ash (from Old English æsc) • 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 c 0327 ç
00E8	È	LATIN SMALL LETTER E WITH GRAVE ≡ 0065 e 0300 è
00E9	É	LATIN SMALL LETTER E WITH ACUTE ≡ 0065 e 0301 é
00EA	Ê	LATIN SMALL LETTER E WITH CIRCUMFLEX ≡ 0065 e 0302 ê
00EB	Ë	LATIN SMALL LETTER E WITH DIAERESIS ≡ 0065 e 0308 ë
00EC	Ì	LATIN SMALL LETTER I WITH GRAVE • Italian, Malagasy ≡ 0069 i 0300 ì
00ED	Í	LATIN SMALL LETTER I WITH ACUTE ≡ 0069 i 0301 í
00EE	Î	LATIN SMALL LETTER I WITH CIRCUMFLEX ≡ 0069 i 0302 î
00EF	Ï	LATIN SMALL LETTER I WITH DIAERESIS ≡ 0069 i 0308 ï
00F0	Ð	LATIN SMALL LETTER ETH • Icelandic, Faroese, Old English, IPA → 00D0 Ð latin capital letter eth → 03B4 δ greek small letter delta → 2202 ∂ partial differential
00F1	Ñ	LATIN SMALL LETTER N WITH TILDE ≡ 006E n 0303 ñ
00F2	Ò	LATIN SMALL LETTER O WITH GRAVE ≡ 006F o 0300 ò
00F3	Ó	LATIN SMALL LETTER O WITH ACUTE ≡ 006F o 0301 ó
00F4	Ô	LATIN SMALL LETTER O WITH CIRCUMFLEX ≡ 006F o 0302 ô
00F5	Õ	LATIN SMALL LETTER O WITH TILDE • Portuguese, Estonian ≡ 006F o 0303 õ
00F6	Ö	LATIN SMALL LETTER O WITH DIAERESIS ≡ 006F o 0308 ö

Mathematical operator

00F7	÷	DIVISION SIGN → 2215 / division slash → 2223 ∣ divides
------	---	--

Letters

00F8	ø	LATIN SMALL LETTER O WITH STROKE = LATIN SMALL LETTER O SLASH • Danish, Norwegian, Faroese, IPA
00F9	ù	LATIN SMALL LETTER U WITH GRAVE • French, Italian ≡ 0075 u 0300 ù
00FA	ú	LATIN SMALL LETTER U WITH ACUTE ≡ 0075 u 0301 ú

00FB	û	LATIN SMALL LETTER U WITH CIRCUMFLEX ≡ 0075 u 0302 ô
00FC	ü	LATIN SMALL LETTER U WITH DIAERESIS ≡ 0075 u 0308 ü
00FD	ý	LATIN SMALL LETTER Y WITH ACUTE • Czech, Slovak, Icelandic, Faroese, Welsh, Malagasy ≡ 0079 y 0301 ó
00FE	þ	LATIN SMALL LETTER THORN • Icelandic, Old English, phonetics • Runic letter borrowed into Latin script → 16A6 þ runic letter thurisaz thurs thorn
00FF	ÿ	LATIN SMALL LETTER Y WITH DIAERESIS • French → 0178 Ÿ latin capital letter y with diaeresis ≡ 0079 y 0308 ü