

Greek and Coptic

Range: 0370–03FF

The Unicode Standard, Version 3.2

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 3.2*.

Characters in this chart that are new for The Unicode Standard, Version 3.2 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list.

This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard. See <http://www.unicode.org/charts> for access to a complete list of the latest character charts.

Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 3.2 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 3.0 (ISBN 0-201-61633-5), as well as Unicode Standard Annexes #28 and #27, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See <http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html> and <http://www.unicode.org/unicode/reports>

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

Fonts

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See <http://www.unicode.org/unicode/uni2book/u2fonts.html> for a list.

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

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| | 037 | 038 | 039 | 03A | 03B | 03C | 03D | 03E | 03F |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0 | | | ἰ 0390 | Π 03A0 | ὀ 03B0 | π 03C0 | β 03D0 | ϣ 03E0 | κ 03F0 |
| 1 | | | Α 0391 | Ρ 03A1 | α 03B1 | ρ 03C1 | ϑ 03D1 | ϣ 03E1 | ρ 03F1 |
| 2 | | | Β 0392 | | β 03B2 | ς 03C2 | Υ 03D2 | Ψ 03E2 | Ϸ 03F2 |
| 3 | | | Γ 0393 | Σ 03A3 | γ 03B3 | σ 03C3 | Υ 03D3 | ϣ 03E3 | ι 03F3 |
| 4 | ´ 0374 | ´ 0384 | Δ 0394 | Τ 03A4 | δ 03B4 | τ 03C4 | Ͽ 03D4 | ϥ 03E4 | Θ 03F4 |
| 5 | ´ 0375 | ´ 0385 | Ε 0395 | Υ 03A5 | ε 03B5 | υ 03C5 | φ 03D5 | ϥ 03E5 | € 03F5 |
| 6 | | À 0386 | Ζ 0396 | Φ 03A6 | ζ 03B6 | φ 03C6 | ϣ 03D6 | ϣ 03E6 | Ϸ 03F6 |
| 7 | | · 0387 | Η 0397 | Χ 03A7 | η 03B7 | χ 03C7 | ϣ 03D7 | ϣ 03E7 | |
| 8 | | Έ 0388 | Θ 0398 | Ψ 03A8 | θ 03B8 | ψ 03C8 | ϣ 03D8 | ϣ 03E8 | |
| 9 | | Ή 0389 | Ι 0399 | Ω 03A9 | ι 03B9 | ω 03C9 | ϣ 03D9 | ϣ 03E9 | |
| A | ˘ 037A | Ί 038A | Κ 039A | Ϊ 03AA | κ 03BA | ϊ 03CA | Σ 03DA | Χ 03EA | |
| B | | | Λ 039B | Ͽ 03AB | λ 03BB | Ͽ 03CB | ς 03DB | ϣ 03EB | |
| C | | Ό 038C | Μ 039C | ά 03AC | μ 03BC | ό 03CC | Ϻ 03DC | Ϻ 03EC | |
| D | | | Ν 039D | έ 03AD | ν 03BD | ύ 03CD | Ϻ 03DD | Ϻ 03ED | |
| E | ; 037E | Υ 038E | Ξ 039E | ή 03AE | ξ 03BE | ώ 03CE | Ϻ 03DE | Ϻ 03EE | |
| F | | Ό 038F | Ο 039F | ί 03AF | ο 03BF | | Ϻ 03DF | Ϻ 03EF | |

Based on ISO 8859-7

| | | | | | |
|------|---|---|------|----|---|
| 0374 | ´ | GREEK NUMERAL SIGN = dexia keraia • indicates numeric use of letters → 02CA ´ modifier letter acute accent ≡ 02B9 ´ modifier letter prime | 038E | Υ | GREEK CAPITAL LETTER UPSILON WITH TONOS ≡ 03A5 Υ 0301 ς |
| 0375 | , | GREEK LOWER NUMERAL SIGN = aristeri keraia • indicates numeric use of letters → 02CF , modifier letter low acute accent | 038F | Ω | GREEK CAPITAL LETTER OMEGA WITH TONOS ≡ 03A9 Ω 0301 ς |
| 0376 | ▨ | <reserved> | 0390 | ι̇ | GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS ≡ 03CA ι̇ 0301 ς |
| 0377 | ▨ | <reserved> | 0391 | Α | GREEK CAPITAL LETTER ALPHA |
| 0378 | ▨ | <reserved> | 0392 | Β | GREEK CAPITAL LETTER BETA |
| 0379 | ▨ | <reserved> | 0393 | Γ | GREEK CAPITAL LETTER GAMMA = gamma function |
| 037A | ˘ | GREEK YPOGEGRAMMENI = iota subscript → 0345 ˘ combining greek ypogegrammeni ≈ 0020 [sp] 0345 ˘ | 0394 | Δ | GREEK CAPITAL LETTER DELTA → 2206 Δ increment |
| 037B | ▨ | <reserved> | 0395 | Ε | GREEK CAPITAL LETTER EPSILON |
| 037C | ▨ | <reserved> | 0396 | Ζ | GREEK CAPITAL LETTER ZETA |
| 037D | ▨ | <reserved> | 0397 | Η | GREEK CAPITAL LETTER ETA |
| 037E | ; | GREEK QUESTION MARK = erotimatiko • sentence-final punctuation → 003F ? question mark ≡ 003B ; semicolon | 0398 | Θ | GREEK CAPITAL LETTER THETA |
| 037F | ▨ | <reserved> | 0399 | Ι | GREEK CAPITAL LETTER IOTA = iota adscript |
| 0380 | ▨ | <reserved> | 039A | Κ | GREEK CAPITAL LETTER KAPPA |
| 0381 | ▨ | <reserved> | 039B | Λ | GREEK CAPITAL LETTER LAMDA |
| 0382 | ▨ | <reserved> | 039C | Μ | GREEK CAPITAL LETTER MU |
| 0383 | ▨ | <reserved> | 039D | Ν | GREEK CAPITAL LETTER NU |
| 0384 | ˘ | GREEK TONOS → 00B4 ˘ acute accent → 030D ˘ combining vertical line above ≈ 0020 [sp] 0301 ς | 039E | Ξ | GREEK CAPITAL LETTER XI |
| 0385 | ¨ | GREEK DIALYTIKA TONOS ≡ 00A8 ¨ 0301 ς | 039F | Ο | GREEK CAPITAL LETTER OMICRON |
| 0386 | Α | GREEK CAPITAL LETTER ALPHA WITH TONOS ≡ 0391 Α 0301 ς | 03A0 | Π | GREEK CAPITAL LETTER PI → 220F Π n-ary product |
| 0387 | · | GREEK ANO TELEIA • functions in Greek like a semicolon ≡ 00B7 · middle dot | 03A1 | Ρ | GREEK CAPITAL LETTER RHO |
| 0388 | Ε | GREEK CAPITAL LETTER EPSILON WITH TONOS ≡ 0395 Ε 0301 ς | 03A2 | ▨ | <reserved> |
| 0389 | Η | GREEK CAPITAL LETTER ETA WITH TONOS ≡ 0397 Η 0301 ς | 03A3 | Σ | GREEK CAPITAL LETTER SIGMA → 01A9 Σ latin capital letter esh → 2211 Σ n-ary summation |
| 038A | Ι | GREEK CAPITAL LETTER IOTA WITH TONOS ≡ 0399 Ι 0301 ς | 03A4 | Τ | GREEK CAPITAL LETTER TAU |
| 038B | ▨ | <reserved> | 03A5 | Υ | GREEK CAPITAL LETTER UPSILON |
| 038C | Ο | GREEK CAPITAL LETTER OMICRON WITH TONOS ≡ 039F Ο 0301 ς | 03A6 | Φ | GREEK CAPITAL LETTER PHI |
| 038D | ▨ | <reserved> | 03A7 | Χ | GREEK CAPITAL LETTER CHI |
| | | | 03A8 | Ψ | GREEK CAPITAL LETTER PSI |
| | | | 03A9 | Ω | GREEK CAPITAL LETTER OMEGA → 2126 Ω ohm sign → 2127 Ω inverted ohm sign |
| | | | 03AA | ι̇ | GREEK CAPITAL LETTER IOTA WITH DIALYTIKA ≡ 0399 Ι 0308 ς |
| | | | 03AB | Υ̇ | GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA ≡ 03A5 Υ 0308 ς |
| | | | 03AC | α | GREEK SMALL LETTER ALPHA WITH TONOS ≡ 03B1 α 0301 ς |
| | | | 03AD | ε | GREEK SMALL LETTER EPSILON WITH TONOS ≡ 03B5 ε 0301 ς |
| | | | 03AE | η̇ | GREEK SMALL LETTER ETA WITH TONOS ≡ 03B7 η̇ 0301 ς |

| | | |
|------|---|--|
| 03AF | í | GREEK SMALL LETTER IOTA WITH TONOS ≡ 03B9 ι 0301 ó |
| 03B0 | ϊ | GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS ≡ 03CB ü 0301 ó |
| 03B1 | α | GREEK SMALL LETTER ALPHA → 0251 α latin small letter alpha → 221D ∝ proportional to |
| 03B2 | β | GREEK SMALL LETTER BETA → 00DF ß latin small letter sharp s → 0180 ħ latin small letter h with stroke |
| 03B3 | γ | GREEK SMALL LETTER GAMMA → 0263 γ latin small letter gamma |
| 03B4 | δ | GREEK SMALL LETTER DELTA |
| 03B5 | ε | GREEK SMALL LETTER EPSILON → 025B ε latin small letter open e |
| 03B6 | ζ | GREEK SMALL LETTER ZETA |
| 03B7 | η | GREEK SMALL LETTER ETA |
| 03B8 | θ | GREEK SMALL LETTER THETA → 0275 ø latin small letter barred o → 0473 ѳ cyrillic small letter fita |
| 03B9 | ι | GREEK SMALL LETTER IOTA → 0269 ι latin small letter iota → 2129 ϣ turned greek small letter iota |
| 03BA | κ | GREEK SMALL LETTER KAPPA |
| 03BB | λ | GREEK SMALL LETTER LAMDA = lambda |
| 03BC | μ | GREEK SMALL LETTER MU → 00B5 μ micro sign |
| 03BD | ν | GREEK SMALL LETTER NU |
| 03BE | ξ | GREEK SMALL LETTER XI |
| 03BF | ο | GREEK SMALL LETTER OMICRON |
| 03C0 | π | GREEK SMALL LETTER PI • math constant 3.141592... |
| 03C1 | ρ | GREEK SMALL LETTER RHO |
| 03C2 | ς | GREEK SMALL LETTER FINAL SIGMA = stigma (the Modern Greek name for this letterform) • not to be confused with the actual stigma letter → 03DB Ϸ greek small letter stigma |
| 03C3 | σ | GREEK SMALL LETTER SIGMA • used symbolically with a numeric value 200 |
| 03C4 | τ | GREEK SMALL LETTER TAU |
| 03C5 | υ | GREEK SMALL LETTER UPSILON → 028A υ latin small letter upsilon → 028B υ latin small letter v with hook |
| 03C6 | φ | GREEK SMALL LETTER PHI → 0278 φ latin small letter phi → 03D5 ϕ greek phi symbol • the ordinary Greek letter, showing considerable glyph variation • in mathematical contexts, the loopy glyph is preferred, to contrast with 03D5 ϕ |
| 03C7 | χ | GREEK SMALL LETTER CHI |
| 03C8 | ψ | GREEK SMALL LETTER PSI |

| | | |
|------|---|--|
| 03C9 | ω | GREEK SMALL LETTER OMEGA |
| 03CA | ϊ | GREEK SMALL LETTER IOTA WITH DIALYTIKA ≡ 03B9 ι 0308 ö |
| 03CB | ϋ | GREEK SMALL LETTER UPSILON WITH DIALYTIKA ≡ 03C5 υ 0308 ö |
| 03CC | ό | GREEK SMALL LETTER OMICRON WITH TONOS ≡ 03BF ο 0301 ó |
| 03CD | ύ | GREEK SMALL LETTER UPSILON WITH TONOS ≡ 03C5 υ 0301 ó |
| 03CE | ώ | GREEK SMALL LETTER OMEGA WITH TONOS ≡ 03C9 ω 0301 ó |

Variant letterforms

| | | |
|------|---|---|
| 03D0 | ϐ | GREEK BETA SYMBOL = GREEK SMALL LETTER CURLED BETA ≈ 03B2 β greek small letter beta |
| 03D1 | ϑ | GREEK THETA SYMBOL = GREEK SMALL LETTER SCRIPT THETA • used as a technical symbol ≈ 03B8 θ greek small letter theta |
| 03D2 | ϒ | GREEK UPSILON WITH HOOK SYMBOL = GREEK CAPITAL LETTER UPSILON HOOK ≈ 03A5 Υ greek capital letter upsilon |
| 03D3 | ϓ | GREEK UPSILON WITH ACUTE AND HOOK SYMBOL = GREEK CAPITAL LETTER UPSILON HOOK TONOS ≡ 03D2 ϒ 0301 ó |
| 03D4 | ϔ | GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL = GREEK CAPITAL LETTER UPSILON HOOK DIAERESIS ≡ 03D2 ϒ 0308 ö |
| 03D5 | ϕ | GREEK PHI SYMBOL • used as a technical symbol, with a stroked glyph • maps to “phi1” symbol entities ≈ 03C6 φ greek small letter phi |
| 03D6 | ϖ | GREEK PI SYMBOL = GREEK SMALL LETTER OMEGA PI • used as a technical symbol • a variant of pi, looking like omega ≈ 03C0 π greek small letter pi |
| 03D7 | ϗ | GREEK KAI SYMBOL • used as an ampersand |

Archaic letters

| | | |
|------|---|----------------------------|
| 03D8 | Ϙ | GREEK LETTER ARCHAIC KOPPA |
|------|---|----------------------------|

- 03D9 Ϟ GREEK SMALL LETTER ARCHAIC KOPPA
 • the Q-shaped archaic koppas are the ordinary alphabetic letters
- 03DA Ϛ GREEK LETTER STIGMA
 • apparently in origin a cursive form of digamma
 • the name “stigma” originally applied to a medieval sigma-tau ligature, whose shape was confusably similar to the cursive digamma
 • used as a symbol with a numeric value of 6
- 03DB ϛ GREEK SMALL LETTER STIGMA
 → 03C2 Ϛ greek small letter final sigma
- 03DC Ϝ GREEK LETTER DIGAMMA
- 03DD ϝ GREEK SMALL LETTER DIGAMMA
 • used as a symbol with a numeric value of 6
- 03DE Ϟ GREEK LETTER KOPPA
- 03DF ϟ GREEK SMALL LETTER KOPPA
 • used in modern Greek as a symbol with a numeric value of 90, as in the dating of legal documentation
- 03E0 Ϡ GREEK LETTER SAMPI
- 03E1 ϡ GREEK SMALL LETTER SAMPI
 • used as a symbol with a numeric value of 900

Coptic letters derived from Demotic

- 03E2 ϣ COPTIC CAPITAL LETTER SHEI
- 03E3 ϣ COPTIC SMALL LETTER SHEI
- 03E4 ϣ COPTIC CAPITAL LETTER FEI
- 03E5 ϣ COPTIC SMALL LETTER FEI
- 03E6 ϣ COPTIC CAPITAL LETTER KHEI
- 03E7 ϣ COPTIC SMALL LETTER KHEI
- 03E8 ϣ COPTIC CAPITAL LETTER HORI
- 03E9 ϣ COPTIC SMALL LETTER HORI
- 03EA ϣ COPTIC CAPITAL LETTER GANGIA
- 03EB ϣ COPTIC SMALL LETTER GANGIA
- 03EC ϣ COPTIC CAPITAL LETTER SHIMA
- 03ED ϣ COPTIC SMALL LETTER SHIMA
- 03EE ϣ COPTIC CAPITAL LETTER DEI
- 03EF ϣ COPTIC SMALL LETTER DEI

Greek symbols

- 03F0 ϰ GREEK KAPPA SYMBOL
 = GREEK SMALL LETTER SCRIPT KAPPA
 • used as technical symbol
 ≈ 03BA κ greek small letter kappa
- 03F1 ϱ GREEK RHO SYMBOL
 = GREEK SMALL LETTER TAILED RHO
 • used as technical symbol
 ≈ 03C1 ρ greek small letter rho
- 03F2 ϰ GREEK LUNATE SIGMA SYMBOL
 = GREEK SMALL LETTER LUNATE SIGMA
 ≈ 03C2 Ϛ greek small letter final sigma

Additional letter

- 03F3 ϰ GREEK LETTER YOT

Greek symbols

- 03F4 ϰ GREEK CAPITAL THETA SYMBOL
 → 0472 ϰ cyrillic capital letter fita
 ≈ 0398 ϰ greek capital letter theta
- 03F5 ϰ GREEK LUNATE EPSILON SYMBOL
 = straight epsilon
 → 220A ϰ small element of
 ≈ 03B5 ε greek small letter epsilon
- 03F6 ϰ GREEK REVERSED LUNATE EPSILON SYMBOL
 = reversed straight epsilon
 → 220D ϰ small contains as member