IPA Extensions
Range: 0250–02AF

This file contains an excerpt from the character code tables and list of character names for The Unicode Standard, Version 12.1

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-12.1/ for charts showing only the characters added in Unicode 12.1. See http://www.unicode.org/Public/12.1.0/charts/ for a complete archived file of character code charts for Unicode 12.1.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.1 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 file, please consult the appropriate sections of The Unicode Standard, Version 12.1, online at http://www.unicode.org/versions/Unicode12.1.0/, 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.

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.

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<th>Unicode Code Points</th>
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<td>ɐ</td>
<td>0250 0290 0270 0290 02A0</td>
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<td>0251 0281 0271 0281 0291 02A1</td>
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<td>0253 0283 0273 0283 0293 02A3</td>
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<td>025E 0290 027E 029E 029E 02AE</td>
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<tr>
<td>ɠ</td>
<td>025F 029F 027F 029F 029F 02AF</td>
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</tbody>
</table>
IPA extensions
IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.

0269 IPA Extensions
0260 0250

0250 LATIN SMALL LETTER TURNED A
• low central unrounded vowel
• uppercase is 2C6F Valor

0251 LATIN SMALL LETTER ALPHA
= latin small letter script a (1.0)
• low back unrounded vowel
• uppercase is 2C6D A
  → 0381 α, greek small letter alpha

0252 LATIN SMALL LETTER TURNED ALPHA
• low back rounded vowel
• uppercase is 2C70 D
  → 0B64 α latin small letter inverted alpha

0253 LATIN SMALL LETTER B WITH HOOK
• implosive bilabial stop
• Pan-Nigerian alphabet
• uppercase is 0181 B

0254 LATIN SMALL LETTER OPEN O
• typographically a turned c
• lower-mid back rounded vowel
• in older Danish usage "ɔ" means "that is"
• uppercase is 0186 Ï

0255 LATIN SMALL LETTER C WITH CURL
• voiceless alveolo-palatal laminal fricative
• used in transcription of Mandarin Chinese
• sound spelled with 015B Č in Polish

0256 LATIN SMALL LETTER D WITH TAIL
= d retroflex hook
• voiced retroflex stop
• uppercase is 01BD D

0257 LATIN SMALL LETTER D WITH HOOK
• implosive dental or alveolar stop
• Ewe, Pan-Nigerian alphabet
• uppercase is 01BA D

0258 LATIN SMALL LETTER REVERSED E
• upper-mid central unrounded vowel

0259 LATIN SMALL LETTER SCHWA
• mid-central unrounded vowel
• uppercase is 018F Ơ
• variant uppercase form 018E Œ is associated with 01DD ơ
  → 01DD ơ latin small letter turned e
  → 0409 ơ cyrillic small letter schwa

025A LATIN SMALL LETTER SCHWA WITH HOOK
• rhotacized schwa

025B LATIN SMALL LETTER OPEN E
= epsilon
• lower-mid front unrounded vowel
• uppercase is 0190 Ε
  → 0385 ε, greek small letter epsilon

025C LATIN SMALL LETTER REVERSED OPEN E
• lower-mid central unrounded vowel
• uppercase is A7AB 3

025D LATIN SMALL LETTER REVERSED OPEN E WITH HOOK
• rhotacized lower-mid central vowel

025E LATIN SMALL LETTER CLOSED REVERSED OPEN E
= closed reversed epsilon
• lower-mid central rounded vowel

025F LATIN SMALL LETTER DOTLESS J WITH STROKE
• voiced palatal stop
• typographically a turned f, but better thought of as a form of j
• "gy" in Hungarian orthography
• also archaic phonetic for palatoalveolar affricate 0244 dʒ

0260 LATIN SMALL LETTER G WITH HOOK
• implosive velar stop
• uppercase is 0193 G

0261 LATIN SMALL LETTER SCRIPT G
• voiced velar stop
• uppercase is A7AC Ӧ
  → 0067 g latin small letter g

0262 LATIN SMALL LETTER SMALL CAPITAL G
• voiced uvular stop

0263 LATIN SMALL LETTER GAMMA
• voiced velar fricative
• uppercase is 0194 Υ
  → 0383 γ greek small letter gamma

0264 LATIN SMALL LETTER RAMS HORN
= latin small letter baby gamma (1.0)
• upper-mid back unrounded vowel

0265 LATIN SMALL LETTER TURNED H
• voiced rounded palatal approximant
• uppercase is A7B0 ɍ

0266 LATIN SMALL LETTER H WITH HOOK
• breathy-voiced glottal fricative
• uppercase is A7AA Ʉ
  • uppercase in Nawdm is 0124 Ʉ
  → 02B1 f modifier letter small h with hook

0267 LATIN SMALL LETTER HENG WITH HOOK
• voiceless coarticulated velar and palatoalveolar fricative
• "sj" in some Swedish dialects

0268 LATIN SMALL LETTER I WITH STROKE
= barred i, i bar
• high central unrounded vowel
• uppercase is 0197 I
• ISO 6438 gives lowercase of 0197 as 026A, not 0268

0269 LATIN SMALL LETTER IOTA
• semi-high front unrounded vowel
• obsoleted by IPA in 1989
• preferred use is 026A ɪ latin letter small capital i
• uppercase is 0196 Ι
  → 0389 ι greek small letter iota

IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.
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<td>027A</td>
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<tr>
<td>0289</td>
<td>LATIN SMALL LETTER U BAR</td>
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</tbody>
</table>

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IPA Extensions

028A LATIN SMALL LETTER UPSILON
   • semi-high back rounded vowel
   • preferred IPA alternate to 0277 ø
   • uppercase is 0187 Ω
   → 03C5 Ṽ greek small letter upsilon

028B LATIN SMALL LETTER V WITH HOOK = latin small letter script v (1.0)
   • voiced labiodental approximant
   • uppercase is 0182 Ũ
   → 03C5 Ṽ greek small letter upsilon

028C LATIN SMALL LETTER TURNED V
   • lower-mid back unrounded vowel
   • uppercase is 0245 ¶
   → 039B Ł greek capital letter lambda
   → 2038 ¶ caret
   → 2227 ¶ logical and

028D LATIN SMALL LETTER TURNED W
   • voiceless rounded labiovelar approximant

028E LATIN SMALL LETTER TURNED Y
   • voiced lateral approximant

028F LATIN SMALL LETTER CAPITAL Y
   • semi-high front rounded vowel

0290 LATIN SMALL LETTER Z WITH RETROFLEX HOOK
   • voiced retroflex fricative

0291 LATIN SMALL LETTER Z WITH CURL
   • voiced alveolo-palatal laminal fricative
   • sound spelled with 017A ų in Polish

0292 LATIN SMALL LETTER EZH
   • dram
   • voiced postalveolar fricative
   • mistakenly named yogh in Unicode 1.0
   • uppercase is 0187 ų
   • Skolt Sami
   → 021D ų latin small letter yogh
   → 04E1 ų cyrillic small letter abkhian dze
   → 2125 ų ounce sign
   → 1F777 ų alchemical symbol for half dram

0293 LATIN SMALL LETTER EZH WITH CURL
   • palatalized voiced postalveolar fricative

0294 LATIN LETTER GLOTTAL STOP
   • this is a caseless letter
   • used in IPA, other phonetic notations, and
     those orthographies which use a caseless
     glottal stop
   → 0241 ḫ latin capital letter glottal stop
   → 02C0 ṽ modifier letter glottal stop

0295 LATIN LETTER PHARYNGEAL VOICED FRICATIVE
   • reversed glottal stop
   • voiced pharyngeal fricative
   • ain
   → 0189 ḝ latin small letter ezh reversed
   → 02C1 ṽ modifier letter reversed glottal stop

0296 LATIN LETTER INVERTED GLOTTAL STOP
   • lateral click
   → 01C1 ᶜ latin letter lateral click

0297 LATIN LETTER STRETCHED C
   • palatal (or alveolar) click
   → 01C3 ᶜ latin letter retroflex click
   → 2201 ⱞ complement

0298 LATIN LETTER BILABIAL CLICK
   • bullseye
   → 2299 ⱦ circled dot operator

0299 LATIN LETTER SMALL CAPITAL B
   • bilabial trill

029A LATIN SMALL LETTER CLOSED OPEN E
   • = closed epsilon
   • lower-mid front rounded vowel
   • non-IPA alternate for the preferred 0153 œ

029B LATIN LETTER SMALL CAPITAL G WITH HOOK
   • voiceu uvular implosive

029C LATIN LETTER SMALL CAPITAL H
   • voiceless epiglottal fricative

029D LATIN SMALL LETTER J WITH CROSSED-TAIL
   • voiced palatal fricative
   • uppercase is A7B2 J

029E LATIN SMALL LETTER TURNED K
   • proposed for velar click
   • uppercase is A7B0 K
   • withdrawn by IPA in 1970

029F LATIN LETTER SMALL CAPITAL L
   • velar lateral approximant

02A0 LATIN SMALL LETTER Q WITH HOOK
   • voiceless uvular implosive

02A1 LATIN LETTER GLOTTAL STOP WITH STROKE
   • voiced epiglottal stop

02A2 LATIN LETTER REVERSED GLOTTAL STOP WITH STROKE
   • voiced epiglottal fricative

02A3 LATIN SMALL LETTER DZ DIGRAPh
   • voiced dental affricate
   → A866 dż latin small letter dz graph with
     retroflex hook

02A4 LATIN SMALL LETTER DEZH DIGRAPh
   • voiced postalveolar affricate

02A5 LATIN SMALL LETTER DZ DIGRAPH WITH CURL
   • voiced alveolo-palatal affricate

02A6 LATIN SMALL LETTER TS DIGRAPh
   • voiceless dental affricate
   → A867 tż latin small letter ts graph with
     retroflex hook

02A7 LATIN SMALL LETTER TESH DIGRAPh
   • voiceless postalveolar affricate

02A8 LATIN SMALL LETTER TC DIGRAPH WITH CURL
   • voiceless alveolo-palatal affricate

IPA characters for disordered speech

0299 LATIN SMALL LETTER FENG DIGRAPh
   • velopharyngeal fricative

02AA LATIN SMALL LETTER LS DIGRAPh
   • lateral alveolar fricative (lisp)

02AB LATIN SMALL LETTER LZ DIGRAPh
   • voiceless lateral alveolar fricative

02AC LATIN LETTER BILABIAL PERCUSSIVE
   • audible lip smack

02AD LATIN LETTER BIDENTAL PERCUSSIVE
   • audible teeth gnashing

Additions for Sinology

029E LATIN SMALL LETTER TURNED H WITH FISHHOOK

029F LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL