

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 5.2*.

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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-5.2/> for charts showing only the characters added in Unicode 5.2. See <http://www.unicode.org/Public/5.2.0/charts/> for a complete archived file of character code charts for Unicode 5.2.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 5.2 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 file, please consult the appropriate sections of *The Unicode Standard, Version 5.2*, online at <http://www.unicode.org/versions/Unicode5.2.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, and #44, 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

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

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

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	025	026	027	028	029	02A
0	ɐ 0250	ɟ 0260	ɥ 0270	ʀ 0280	ʀ 0290	ɸ 02A0
1	ɑ 0251	ɠ 0261	ɱ 0271	ʁ 0281	ʐ 0291	ʑ 02A1
2	ɒ 0252	ɢ 0262	ɲ 0272	ʂ 0282	ʓ 0292	ɸ 02A2
3	ɓ 0253	ɣ 0263	ɳ 0273	ʃ 0283	ʔ 0293	ɸ 02A3
4	ɔ 0254	ɶ 0264	ɴ 0274	ʄ 0284	ʕ 0294	ɸ 02A4
5	ɛ 0255	ɸ 0265	ɵ 0275	ɺ 0285	ɸ 0295	ɸ 02A5
6	ɸ 0256	ɦ 0266	æ 0276	ɸ 0286	ɸ 0296	ɸ 02A6
7	ɸ 0257	ɦ 0267	ω 0277	ɸ 0287	ɸ 0297	ɸ 02A7
8	ə 0258	ɨ 0268	ɸ 0278	ɸ 0288	ɸ 0298	ɸ 02A8
9	ə 0259	ɺ 0269	ɸ 0279	ɸ 0289	ɸ 0299	ɸ 02A9
A	ɸ 025A	ɸ 026A	ɸ 027A	ɸ 028A	ɸ 029A	ɸ 02AA
B	ɸ 025B	ɸ 026B	ɸ 027B	ɸ 028B	ɸ 029B	ɸ 02AB
C	ɸ 025C	ɸ 026C	ɸ 027C	ɸ 028C	ɸ 029C	ɸ 02AC
D	ɸ 025D	ɸ 026D	ɸ 027D	ɸ 028D	ɸ 029D	ɸ 02AD
E	ɸ 025E	ɸ 026E	ɸ 027E	ɸ 028E	ɸ 029E	ɸ 02AE
F	ɸ 025F	ɸ 026F	ɸ 027F	ɸ 028F	ɸ 029F	ɸ 02AF

026D	ɭ	LATIN SMALL LETTER L WITH RETROFLEX HOOK • voiced retroflex lateral	027F	ɀ	LATIN SMALL LETTER REVERSED R WITH FISHHOOK = long leg turned iota (a misnomer) • apical dental vowel • used by linguists working on Chinese and other Sino-Tibetan languages • IPA spelling - 007A z 0329 ɀ • preferred presentation is with a descender
026E	ɮ	LATIN SMALL LETTER LEZH • voiced lateral fricative • “dhl” in Zulu orthography	0280	ʀ	LATIN LETTER SMALL CAPITAL R • voiced uvular trill • Germanic, Old Norse • uppercase is 01A6 ʀ
026F	ɯ	LATIN SMALL LETTER TURNED M • high back unrounded vowel • uppercase is 019C ɯ	0281	ɿ	LATIN LETTER SMALL CAPITAL INVERTED R • voiced uvular fricative or approximant → 02B6 ɿ modifier letter small capital inverted r
0270	ɰ	LATIN SMALL LETTER TURNED M WITH LONG LEG • voiced velar approximant	0282	ɥ	LATIN SMALL LETTER S WITH HOOK • voiceless retroflex fricative
0271	ɱ	LATIN SMALL LETTER M WITH HOOK • voiced labiodental nasal • uppercase is 2C6E ɱ	0283	ʃ	LATIN SMALL LETTER ESH • voiceless postalveolar fricative • uppercase is 01A9 ʃ → 222B ʃ integral
0272	ɲ	LATIN SMALL LETTER N WITH LEFT HOOK • voiced palatal nasal • uppercase is 019D ɲ	0284	ɰ	LATIN SMALL LETTER DOTLESS J WITH STROKE AND HOOK • implosive palatal stop • typographically based on 025F ɰ, not on 0283 ʃ
0273	ɳ	LATIN SMALL LETTER N WITH RETROFLEX HOOK • voiced retroflex nasal	0285	ɶ	LATIN SMALL LETTER SQUAT REVERSED ESH • apical retroflex vowel • used by linguists working on Chinese and other Sino-Tibetan languages • IPA spelling - 0290 z 0329 ɶ • in origin 027F ɀ plus the retroflex hook 0322 ɶ, despite its name • preferred presentation is with a descender
0274	ɺ	LATIN LETTER SMALL CAPITAL N • voiced uvular nasal	0286	ɷ	LATIN SMALL LETTER ESH WITH CURL • palatalized voiceless postalveolar fricative • suggested spelling - 0283 ɷ 02B2 ɷ
0275	ɵ	LATIN SMALL LETTER BARRED O = o bar • rounded mid-central vowel, i.e. rounded schwa • uppercase is 019F ɵ → 03B8 ɵ greek small letter theta → 0473 ɵ cyrillic small letter fita → 04E9 ɵ cyrillic small letter barred o	0287	ɸ	LATIN SMALL LETTER TURNED T • dental click (sound of “tsk tsk”) → 01C0 ɸ latin letter dental click
0276	œ	LATIN LETTER SMALL CAPITAL OE • low front rounded vowel → 0153 œ latin small ligature oe	0288	ɹ	LATIN SMALL LETTER T WITH RETROFLEX HOOK • voiceless retroflex stop • uppercase is 01AE ɹ
0277	ω	LATIN SMALL LETTER CLOSED OMEGA • semi-high back rounded vowel • obsoleted by IPA in 1989 • preferred use is 028A ɹ latin small letter upsilon	0289	ʉ	LATIN SMALL LETTER U BAR • high central rounded vowel • uppercase is 0244 ʉ
0278	φ	LATIN SMALL LETTER PHI • voiceless bilabial fricative → 03C6 φ greek small letter phi	028A	υ	LATIN SMALL LETTER UPSILON • semi-high back rounded vowel • preferred IPA alternate to 0277 ω • uppercase is 01B1 υ → 03C5 υ greek small letter upsilon
0279	ɺ	LATIN SMALL LETTER TURNED R • voiced alveolar approximant → 02B4 ɺ modifier letter small turned r	028B	ɿ	LATIN SMALL LETTER V WITH HOOK = latin small letter script v (1.0) • voiced labiodental approximant • uppercase is 01B2 ɿ → 03C5 υ greek small letter upsilon
027A	ɻ	LATIN SMALL LETTER TURNED R WITH LONG LEG • voiced lateral flap			
027B	ɽ	LATIN SMALL LETTER TURNED R WITH HOOK • voiced retroflex approximant → 02B5 ɽ modifier letter small turned r with hook			
027C	ɽ	LATIN SMALL LETTER R WITH LONG LEG • voiced strident apico-alveolar trill • obsoleted by IPA in 1989 • sound spelled with 0159 ř in Czech • preferred phonetic representation for Czech is 0072 r 031D ɽ • in current use in Gaelic types (as glyph variant of 0072 r)			
027D	ɽ	LATIN SMALL LETTER R WITH TAIL • voiced retroflex flap • uppercase is 2C64 ɽ			
027E	ɽ	LATIN SMALL LETTER R WITH FISHHOOK • voiced alveolar flap or tap			

028C	ʌ	LATIN SMALL LETTER TURNED V = caret, wedge • lower-mid back unrounded vowel • uppercase is 0245 Λ → 039B Α greek capital letter lamda → 2038 ˆ caret → 2227 ˆ logical and
028D	ɹ̥	LATIN SMALL LETTER TURNED W • voiceless rounded labiovelar approximant
028E	ɹ	LATIN SMALL LETTER TURNED Y • voiced lateral approximant
028F	ɻ	LATIN LETTER SMALL CAPITAL Y • semi-high front rounded vowel
0290	z̥	LATIN SMALL LETTER Z WITH RETROFLEX HOOK • voiced retroflex fricative
0291	ẓ	LATIN SMALL LETTER Z WITH CURL • voiced alveolo-palatal laminal fricative • sound spelled with 017A Ż in Polish
0292	ʒ	LATIN SMALL LETTER EZH = dram • voiced postalveolar fricative • mistakenly named yogh in Unicode 1.0 • uppercase is 01B7 Ʒ • Skolt Sami → 021D ʒ latin small letter yogh → 04E1 ʒ cyrillic small letter abkhasian dze → 2125 ʒ ounce sign
0293	ʒ̣	LATIN SMALL LETTER EZH WITH CURL • palatalized voiced postalveolar fricative
0294	ʔ	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 ʔ latin capital letter glottal stop → 02C0 ʔ modifier letter glottal stop
0295	ʕ	LATIN LETTER PHARYNGEAL VOICED FRICATIVE = reversed glottal stop • voiced pharyngeal fricative • ain → 01B9 ʕ latin small letter ezh reversed → 02C1 ʕ modifier letter reversed glottal stop
0296	ɥ	LATIN LETTER INVERTED GLOTTAL STOP • lateral click → 01C1 ɥ latin letter lateral click
0297	ɕ	LATIN LETTER STRETCHED C • palatal (or alveolar) click → 01C3 ɕ latin letter retroflex click → 2201 ɕ complement
0298	⦿	LATIN LETTER BILABIAL CLICK = bullseye → 2299 ⦿ circled dot operator
0299	ɸ	LATIN LETTER SMALL CAPITAL B • bilabial trill
029A	ɶ	LATIN SMALL LETTER CLOSED OPEN E = closed epsilon • lower-mid front rounded vowel • non-IPA alternate for the preferred 0153 œ
029B	ɧ	LATIN LETTER SMALL CAPITAL G WITH HOOK • voiced uvular implosive
029C	ħ	LATIN LETTER SMALL CAPITAL H • voiceless epiglottal fricative

029D	ɣ	LATIN SMALL LETTER J WITH CROSSED-TAIL • voiced palatal fricative
029E	ɥ̥	LATIN SMALL LETTER TURNED K • proposed for velar click • withdrawn by IPA in 1970
029F	ɬ	LATIN LETTER SMALL CAPITAL L • velar lateral approximant
02A0	ɥ̥	LATIN SMALL LETTER Q WITH HOOK • voiceless uvular implosive
02A1	ʔ̥	LATIN LETTER GLOTTAL STOP WITH STROKE • voiced epiglottal stop
02A2	ʕ̥	LATIN LETTER REVERSED GLOTTAL STOP WITH STROKE • voiced epiglottal fricative
02A3	ɗz	LATIN SMALL LETTER DZ DIGRAPH • voiced dental affricate
02A4	ɗʒ	LATIN SMALL LETTER DEZH DIGRAPH • voiced postalveolar affricate
02A5	ɗẓ	LATIN SMALL LETTER DZ DIGRAPH WITH CURL • voiced alveolo-palatal affricate
02A6	ts	LATIN SMALL LETTER TS DIGRAPH • voiceless dental affricate
02A7	tʃ	LATIN SMALL LETTER TESH DIGRAPH • voiceless postalveolar affricate
02A8	tc̣	LATIN SMALL LETTER TC DIGRAPH WITH CURL • voiceless alveolo-palatal affricate

IPA characters for disordered speech

02A9	fɨ̞	LATIN SMALL LETTER FENG DIGRAPH • velopharyngeal fricative
02AA	ɮ	LATIN SMALL LETTER LS DIGRAPH • lateral alveolar fricative (lisp)
02AB	ɮ̥	LATIN SMALL LETTER LZ DIGRAPH • voiced lateral alveolar fricative
02AC	ɸ̥	LATIN LETTER BILABIAL PERCUSSIVE • audible lip smack
02AD	ɸ̥̥	LATIN LETTER BIDENTAL PERCUSSIVE • audible teeth gnashing

Additions for Sinology

02AE	ɥ̥	LATIN SMALL LETTER TURNED H WITH FISHHOOK
02AF	ɥ̥	LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL