

# Equivalences between different phonetic alphabets

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Description	IPA	Mexbet	X-SAMPA	IPA Symbol in $\LaTeX$
Voiceless bilabial plosive	p	p	p	p
Voiceless dental plosive	t̪	t	t_d	\textsubbridge{t}
Voiceless velar plosive	k	k	k	k
Voiceless palatalized plosive	kʲ	k_j	k_j	k\textsuperscript{j}
Voiced bilabial plosive	b	b	b	b
Voiced bilabial approximant	β̞	V	B.o	\textlowering{\textbeta}
Voiced dental plosive	d̪	d	d_d	\textsubbridge{d}
Voiced dental fricative	ð̞	D	D.o	\textlowering{\textipa{\;D}}
Voiced velar plosive	g	g	g	g
Voiced velar fricative	ɣ̞	G	G.o	\textlowering{\textbabygamma}
Voiceless palato-alveolar affricate	tʃ	tS	tS	\textroundcap{t\textesh}
Voiceless labiodental fricative	f	f	f	f
Voiceless alveolar fricative	s	s	s	s
Voiced alveolar fricative	z	z	z	z
Voiceless dental fricative	ɬ̪	s_[-	s_d	\textsubbridge{s}
Voiced dental fricative	ʒ̪	z_[-	z_d	\textsubbridge{z}
Voiceless postalveolar fricative	ʃ	S	S	\textesh
Voiceless velar fricative	x	x	x	x
Voiced palatal fricative	j	Z	j\	\textctj
Voiced postalveolar affricate	dʒ̞	dZ	dZ	\textroundcap{d\textyogh}
Voiced bilabial nasal	m	m	m	m
Voiced alveolar nasal	n	n	n	n
Voiced labiodental nasal	ɱ	M	F	\textltailm
Voiced dental nasal	ɳ̪	n_[-	n_d	\textsubbridge{n}
Voiced palatalized nasal	nʲ	n_j	n_j	n\textsuperscript{j}
Voiced velarized nasal	nˠ	N	n_G	n\textsuperscript{\textbabygamma}
Voiced palatal nasal	ɲ	n~	J	\textltailn
Voiced alveolar lateral approximant	l	l	l	l
Voiced dental lateral	l̪	l_[-	l_d	\textsubbridge{l}
Voiced palatalized lateral	lʲ	l_j	l_j	l\textsuperscript{j}
Lowered alveolar lateral	l̥	l.O	l.o	\textsubring{l}
Voiced postalveolar lateral	ɭ̪	tl	tl	\textroundcap{tl}
Voiced alveolar flap	r	r(	4	\textfishhookr
Lowered alveolar flap	r̥	r(.0	4.o	\textsubring{\textfishhookr}
Alveolar approximant	ɹ	r(-\	r\	\textturnr
Alveolar trill	r	r	r	r

Description	IPA	Mexbet	X-SAMPA	IPA Symbol in $\LaTeX$
<b>Vowels</b>				
Palatal approximant	j	j	j	j
Close front non-syllabic vowel	i̠	i(	i_ˆ	\textsubarch{i}
Close front unrounded vowel	i	i	i	i
Near-close near-front unrounded vowel	i̟	I	I	\textlowering{i}
Close-mid front unrounded vowel	e	e	e	e
Open-mid front unrounded vowel	e̟	E	E	\textlowering{e}
Open front palatalized vowel	a <sup>j</sup>	a_j	a_j	a\textsuperscript{j}
Open central unrounded vowel	ä	a	a_”	ä
Open back unrounded vowel	A	a_2	A	A
Close-mid back rounded vowel	o	o	o	o
Open-mid back rounded vowel	ɔ	O	O	\textlowering{o}
Close back non-syllabic vowel	u̠	u(	u_ˆ	\textsubarch{u}
Close back rounded vowel	u	u	u	u
Near-close near-back rounded vowel	u̟	U	U	\textlowering{u}
Labial-velar approximant	w	w	w	w

When performing transcriptions in IPA alphabet, the whole stressed syllable is indicated by an accent mark, eg. for the word “camión”, a valid IPA transcription is: / k a . ' m i o n /

However, in the Mexbet alphabet, it is indicated just the single vowel that is stressed by a “\_7”, eg. / k a . m i o\_7 n /

Description	IPA	Mexbet	X-SAMPA	IPA Symbol in $\LaTeX$
<b>Stressed Vowels</b>				
Palatal approximant	-	j_7	-	-
Close front non-syllabic vowel	-	i(_7	-	-
Close front unrounded vowel	-	i_7	-	-
Near-close near-front unrounded vowel	-	I_7	-	-
Close-mid front unrounded vowel	-	e_7	-	-
Open-mid front unrounded vowel	-	E_7	-	-
Open front palatalized vowel	-	a_j_7	-	-
Open central unrounded vowel	-	a_7	-	-
Open back unrounded vowel	-	a_2_7	-	-
Close-mid back rounded vowel	-	o_7	-	-
Open-mid back rounded vowel	-	O_7	-	-
Close back non-syllabic vowel	-	u(_7	-	-
Close back rounded vowel	-	u_7	-	-
Near-close near-back rounded vowel	-	U_7	-	-
Labial-velar approximant	-	w_7	-	-

To add symbols of the International Phonetic Alphabet (IPA) to your  $\LaTeX$  code, you need to include the “tipa” package:

`\usepackage{tipa}`