

Phonetic Symbols (APA)

Vowels

	i	ɨ	ɯ	
tense				high
lax	ɪ			
tense	e	ə	ɤ	
lax	ɛ	ʌ		mid
	æ	a, ɐ	ɑ	low
	Front unrounded	Central unrounded	Back unrounded	
tense	ü	ɯ	u	high
lax	ö		ʊ	
tense	ö	ø	o	
lax	õ		ɔ	mid
	œ		ɔ̃	low
	Front rounded	Central rounded	Back rounded	

Vowel diacritics

ã	nasalized	a:	long
ą	creaky	ą	breathy
á, 'a	primary stress	à, ,a	secondary stress
ǎ	superhigh tone	á	high tone
ā, ˊa	mid tone	à	low tone
ã	superlow tone		

Consonants

	vels.	vels.	vels.	vcd.	vcd.	vcd.	nasal
	stop	affric.	fric.	stop	affric.	fric.	
bilabial	p	(p ^ɸ)	ɸ	b	(b ^β)	β	m
labiodental		p ^f	f		b ^v	v	ɱ
dental	t̪	t ^θ	θ	ɖ	d ^ð	ð	ɳ
alveolar	t	t ^s	s	d	d ^z	z	n
alveopalatal		č	š		č	ž	ɲ
retroflex	ɖ	t̪ ^s	ʂ	ɖ	ɖ ^z	ʐ	ɳ
palatal	c	(c ^ç)	ç	ɟ	(ɟ ^j)	j	ɲ
velar	k	k ^x	x	g	g ^ɣ	ɣ	ŋ
uvular	q	q ^χ	χ	G	G ^ɣ , G ^ʁ	ɣ, ʁ	ŋ, N
pharyngeal			ħ			ʕ	
laryngeal	ʔ		h			ɦ	

clicks:	⊙	labial		dental
		lateral	!	alveolar
	≠	postalveolar		

implosives: ɓ ɗ ɠ

liquids:	r	trill or tap	ɾ,ɽ	flap	ɹ	approximant
	ɭ	v'less lateral spirant	ɮ	vd lateral spirant		
	ʎ	palatal lateral	ɮ	lateral affricate		

glides:	w	labio-velar	y	palatal	ɥ	labio-palatal
---------	---	-------------	---	---------	---	---------------

Consonant diacritics

p ^y	palatalized	p ^w	rounded
p ^u	velarized	p ^ɣ	pharyngealized
p ^{w̥}	rounded and fronted	ɖ	retroflex
p ^h	aspirated voiceless	b ^h ~b ^ɦ	aspirated voiced
p ^ʔ	ejective	p [̚]	unreleased
m̥	syllabic	m̥	voiceless