

## A list of features

### Features for groups of consonants

<b>Feature</b>	<b>Description</b>	<b>Includes</b>
consonant	articulated with some amount of obstruction in the vocal tract	stops, trills, taps/flaps, fricatives, approximants, affricates
bilabial	articulated with both lips	bilabials
labiodental	articulated with lip and teeth	labiodentals
labial	articulated with lips	bilabials, labiodentals and labialized sounds
interdental	articulated between teeth	interdentals
dental	articulated with teeth	dentals and interdentals
alveolar	articulated at alveolar ridge	alveolars
postalveolar	articulated behind alveolar ridge	postalveolars
retroflex	articulated with tongue curled back	retroflexes
palatal	articulated at hard palate	palatals
coronal	articulated with front of tongue	dentals, alveolars, postalveolars, retroflexes, palatals
velar	articulated at velum	velars
uvular	articulated at uvula	uvulars
pharyngeal	articulated at pharynx	pharyngeals
glottal	articulated at glottis	glottals
epiglottal	articulated at the epiglottis	epiglottals
stop	articulated with full oral closure	plosives (oral stops) and nasal stops
plosive	articulated with full oral and nasal closure	oral stops
trill	articulated with continuous passive vibration	trills
tap/flap	articulated with brief tap	taps/flaps
fricative	articulated with narrow channel creating friction noise	fricatives (non-lateral and lateral)
sibilant	extra loud fricative articulated by sending a stream of air toward the teeth	coronal fricatives
affricate	articulated with a stop followed by a fricative release	affricates
approximant	articulated with very limited obstruction	glides and liquids
glide	articulated with practically no obstruction; like a vowel but a bit more obstructed	glides
liquid	articulated with very little obstruction but more than a glide	non-glide approximants
lateral	articulated with air escaping around the sides of the mouth	lateral fricatives and lateral approximants

voiced	vocal folds vibrate	voiced consonants
voiceless	vocal folds don't vibrate	voiceless consonants
nasal	air escapes through nasal cavity	nasal consonants and nasalized consonants
oral	no air escapes through nasal cavity	oral consonants
consonantal	more consonant-like	obstruents, liquids and nasals
non-continuant	non continuous airflow in oral cavity	oral stops, nasal stops and affricates
obstruent	some-to-total airflow obstruction	oral stops, fricatives, affricates
non-syllabic	can't be core of syllable	glides, affricates, fricatives, stops

### Features for groups of vowels

Feature	Description	Includes
vowel	articulated with practically no obstruction in the vocal tract	vowels
high	high tongue position	high/closed vowels
mid	tongue position neither high nor low	mid (open-mid and closed-mid) vowels
low	low tongue position	low/open vowels
front	front tongue position	front vowels
central	tongue position neither front nor back	central vowels
back	back tongue position	back vowels
rounded	round lips	rounded vowels
unrounded	spread lips	unrounded vowels
tense	more extreme articulation	tense vowels
lax	less extreme articulation	lax vowels
voiced	vocal folds vibrate	all vowels unless otherwise specified
voiceless	vocal folds don't vibrate	voiceless vowels
nasal	air escapes through nasal cavity	nasal vowels
oral	no air escapes through nasal cavity	all vowels unless otherwise specified
long	articulated for a longer time	long vowels
short	articulated for a shorter time	all vowels unless otherwise specified

### Features for sets of both consonants and vowels

Feature	Description	Includes
non-consonantal	less consonant-like	glides and vowels
continuant	continuous airflow	fricatives, liquids, glides and vowels
sonorant	little-to-no airflow obstruction	nasal stops, approximants, vowels
syllabic	can be core of syllable	vowels, liquids, nasals