

The International Phonetic Alphabet (IPA)

Consonants

Symbol	Description in Terms of (a Subset of) Their Features
p	[+labial, +bilabial, -voiced, -nasal, -continuant]
b	[+labial, +bilabial, +voiced, -nasal, -continuant]
m	[+labial, +bilabial, +voiced, +nasal, -continuant, +sonorant]
w	[+labial, +labiovelar, +voiced, -nasal, +continuant, +approximant, +sonorant]
ʍ	[+labial, +labiovelar, -voiced, -nasal, +continuant, +approximant]
f	[+labial, +labiodental, -voiced, -nasal, +continuant]
v	[+labial, +labiodental, +voiced, -nasal, +continuant]
θ	[+coronal, +dental, -voiced, -nasal, +continuant]
ð	[+coronal, +dental, +voiced, -nasal, +continuant]
t	[+coronal, +alveolar, -voiced, -nasal, -continuant]
d	[+coronal, +alveolar, +voiced, -nasal, -continuant]
n	[+coronal, +alveolar, +voiced, +nasal, -continuant, +sonorant]
s	[+coronal, +alveolar, -voiced, -nasal, +continuant, +strident]
z	[+coronal, +alveolar, +voiced, -nasal, +continuant, +strident]
l	[+coronal, +alveolar, +voiced, -nasal, +continuant, +approximant, +sonorant]
tʃ	[+coronal, +post-alveolar, -voiced, -nasal, -continuant, +strident]
dʒ	[+coronal, +post-alveolar, +voiced, -nasal, -continuant, +strident]
ʃ	[+coronal, +post-alveolar, -voiced, -nasal, +continuant, +strident]
ʒ	[+coronal, +post-alveolar, +voiced, -nasal, +continuant, +strident]
r	[+coronal, +retroflex, +voiced, -nasal, +continuant, +approximant, +sonorant]
j	[+dorsal, +palatal, +voiced, -nasal, +continuant, +approximant, +sonorant]
k	[+dorsal, +velar, -voiced, -nasal, -continuant]
g	[+dorsal, +velar, +voiced, -nasal, -continuant]
ŋ	[+dorsal, +velar, +voiced, +nasal, -continuant, +sonorant]
ʔ	[+glottal, -voiced, -nasal, -continuant]
h	[+glottal, -voiced, -nasal, +continuant]

Vowels

Symbol	Description in Terms of (a Subset of) Their Features
i	[+front, +high, +tense, -rounded]
ɪ	[+front, +high, -tense, -rounded]
e	[+front, +mid, +tense, -rounded]
ɛ	[+front, +mid, -tense, -rounded]
æ	[+front, +low, -tense, -rounded]
ə	[+central, +mid, -tense, -rounded]
ɑ	[+central, +low, +tense, -rounded]
aɪ	[+central, +low, +tense, -rounded, +diphthong]
aʊ	[+central, +low, +tense, +rounded, +diphthong]
ʌ	[+back, +mid, -tense, -rounded]
ɒ	[+back, +low, +tense, -rounded]
o	[+back, +mid, +tense, +rounded]
ɔ	[+back, +mid, -tense, +rounded]
oɪ	[+back, +mid, +tense, +rounded, +diphthong]
u	[+back, +high, +tense, +rounded]
ʊ	[+back, +high, -tense, +rounded]