

Phonetics review: Consonant chart

I. Know these IPA symbols for consonants (the non-shaded ones)

THE INTERNATIONAL PHONETIC ALPHABET (revised to 1993, updated 1996)

CONSONANTS (PULMONIC)

	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		t d̪	c ʃ	k g	q χ	g ʁ	?
Nasal	m	n̪		n		n̪	n̪	n̪	n̪	N	
Trill		B		r					R		
Tap or Flap				t̪		t̪					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	s z	ç ʒ	x χ	χ ʁ	h χ	h ɦ
Lateral fricative				ɬ	ɬ						
Approximant		w		ɹ		ɻ	ɻ	ɻ	ɻ		
Lateral approximant				l		l	l	l	l		

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

W Voiced labial-velar approximant

- Be able to describe the non-greyed-out consonants in terms of
 - **voicing**
 - **place of articulation**
 - **oral/nasal**
 - **manner of articulation** (constriction type)
- Some terms to clarify:
 - “approximant” = “liquid or glide”
 - “plosive” = “oral stop (pulmonic egressive)”
- Some points to watch out for:
 - What is the place of articulation of [w]?
 - What is the manner of articulation (constriction type) of [m n ɳ]?

II. Also know how to convert between these IPA and non-IPA consonant symbols

<i>non- IPA</i>	š	ž	č	đ	y
<i>IPA</i>	ʃ	ʒ	tʃ	dʒ	j

- These non-IPA symbols are frequently found in older papers and data sets, especially from before about 2000.