

English Consonants

Ladefoged, P. (1993). *A course in Phonetics*. Harcourt Brace: Fort Worth. 3rd Edition.

Stevens (1997). Articulatory-acoustic-auditory relationships. In W. Hardcastle and J. Laver (eds.) *The Handbook of Phonetic Sciences*. Blackwell: London.

| Manner of articulation | Place of articulation → | Bilabial | | Labiodental | | Dental | | Alveolar | | Palatal | | Velar | | Glottal |
|------------------------|-------------------------|----------|-----|-------------|-----|--------|-----|----------|-----|---------|-----|-------|-----|---------|
| | Voicing → | vl. | vd. | vl. | vd. | vl. | vd. | vl. | vd. | vl. | vd. | vl. | vd. | vl. |
| Stop | | p | b | | | | | t | d | | | k | g | |
| Nasal | | | m | | | | | | n | | | | ŋ | |
| Fricative | | | | f | v | θ | ð | s | z | ʃ | ʒ | | | h |
| Affricate | | | | | | | | tʃ | dʒ | | | | | |
| Approximant | | | (w) | | | | | | ɹ | | j | | w | |
| Lateral | | | | | | | | | l | | | | | |

Voicing state: **Voiced** = vd., **Voiceless** = vl.