

# Nepali consonants, IPA

|                     | Bilabial |     | Dental |     | Alveolar |     | Retroflex |     | Palatal |   | Velar |     | Glottal |   |
|---------------------|----------|-----|--------|-----|----------|-----|-----------|-----|---------|---|-------|-----|---------|---|
| Plosive             | p        | b   | t̪     | d̪  |          |     | ʈ         | ɖ   |         |   | k     | g   |         |   |
| Aspirated plosive   | pʰ       | bʱ  | t̪ʰ    | d̪ʱ |          |     | ʈʰ        | ɖʱ  |         |   | kʰ    | gʱ  |         |   |
| Affricate           |          |     |        |     | ʈs       | ɖz  |           |     |         |   |       |     |         |   |
| Aspirated affricate |          |     |        |     | ʈsʰ      | ɖzʱ |           |     |         |   |       |     |         |   |
| Fricative           | [ɸ]      | [β] |        |     | s        |     |           |     |         |   | [x]   | [ɣ] |         | ɦ |
| Nasal               |          | m   |        |     |          | n   |           | [ɳ] |         |   |       | ŋ   |         |   |
| Tap                 |          |     |        |     |          | [ɾ] |           | [ɽ] |         |   |       |     |         |   |
| Trill               |          |     |        |     |          | r   |           |     |         |   |       |     |         |   |
| Approximant         |          | w   |        |     |          | l   |           |     |         | j |       |     |         |   |

- Where symbols appear in pairs, the one to the right represents a voiced consonant.
- Where symbols appear singly, they are placed to the left within their column if they represent a voiceless consonant, and to the right if they represent voiced.
- Symbols enclosed in brackets represent non-phonemic consonants.
- Blacked-out cells indicate phones judged to be impossible.
- The approximant row includes one lateral approximant: /l/.

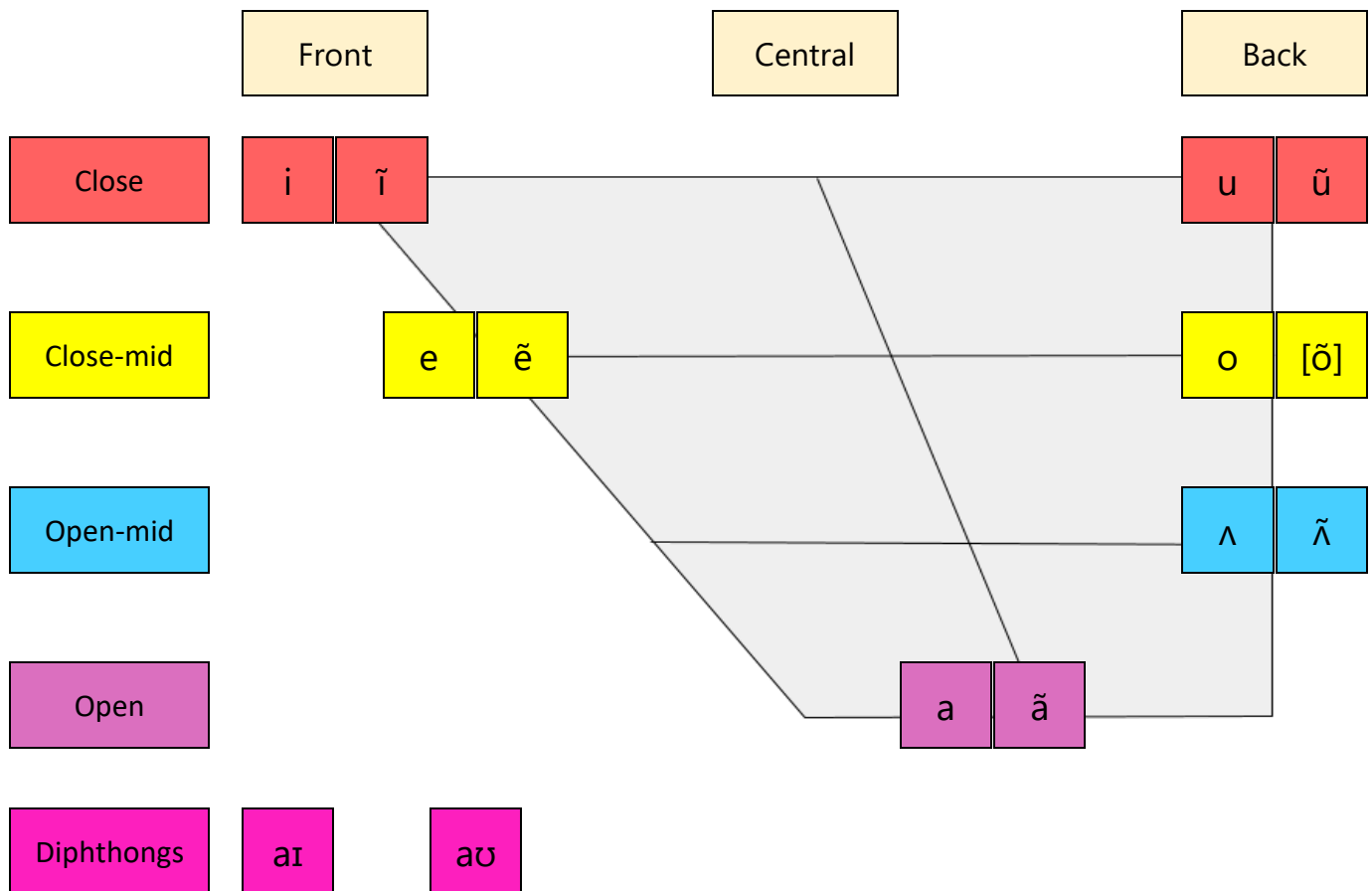
# Nepali consonants, Devanagari script

|                     | Bilabial |     | Dental |   | Alveolar |         | Retroflex |        | Palatal |   | Velar |     | Glottal |   |
|---------------------|----------|-----|--------|---|----------|---------|-----------|--------|---------|---|-------|-----|---------|---|
| Plosive             | प        | ब   | त      | द |          |         | ट         | ड      |         |   | क     | ग   |         |   |
| Aspirated plosive   | फ        | भ   | थ      | ध |          |         | ठ         | ढ      |         |   | ख     | घ   |         |   |
| Affricate           |          |     |        |   | च        | ज       |           |        |         |   |       |     |         |   |
| Aspirated affricate |          |     |        |   | छ        | झ       |           |        |         |   |       |     |         |   |
| Fricative           | (फ)      | (भ) |        |   |          | स, श, ष |           |        |         |   | (ख)   | (घ) |         | ह |
| Nasal               |          | म   |        |   |          | न, ञ    |           | (ण)    |         |   |       | ङ   |         |   |
| Tap                 |          |     |        |   |          | (र)     |           | (ड, ढ) |         |   |       |     |         |   |
| Trill               |          |     |        |   |          | र       |           |        |         |   |       |     |         |   |
| Approximant         |          | व   |        |   |          | ल       |           |        |         | य |       |     |         |   |

- Symbols enclosed in parentheses represent non-phonemic consonants.
- In actual usage, each Devanagari character represents an entire syllable; for this chart, the version of each character that represents the syllable consisting of that consonant sound followed by [a].

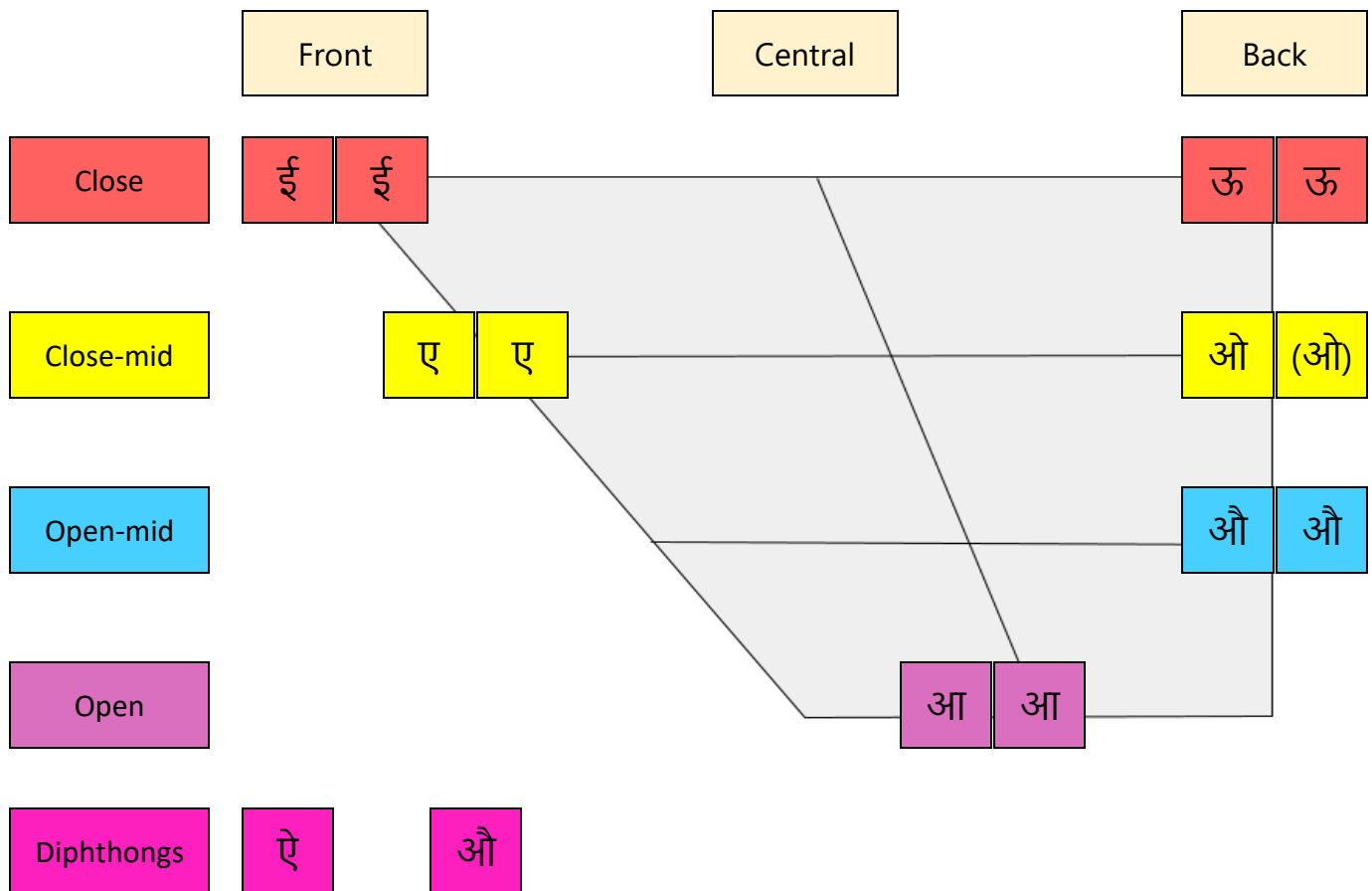


# Nepali vowels, IPA



- Unlike in the other vowel charts, where symbols appear in pairs, the one to the right represents a nasalized vowel.
- All vowels are unround, except for /o/, /u/, and their nasalized counterparts.

# Nepali vowels, Devanagari script



- Symbols enclosed in parentheses represent non-phonemic vowels.

# References

Clements, G. N., & Khatiwada, R. (2007). Phonetic realization of contrastively aspirated affricates in

Nepali. *ICPhS XVI*, 629–632. [www.icphs2007.de](http://www.icphs2007.de)

Nepali phonology. (2022). In *Wikipedia*.

[https://en.wikipedia.org/w/index.php?title=Nepali\\_phonology&oldid=1089508459](https://en.wikipedia.org/w/index.php?title=Nepali_phonology&oldid=1089508459)

