Feature Chart

Based on Hayes (2009) Introductory Phonology

| Vowe | | | | | | | _ | | | | | | | | | | | | | |
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| | els | (| Glides | 3 | Lic | quids | | Nas | sals | | S | tops | | Af | frica | ates | F | ricat | ives | |
| [+syllal | bic] | | | | | | | | [— | syllat | oic] | | | | | | | | | |
| [-consonantal] | | | | | [+consonantal] | | | | | | | | | | | | | | | |
| [+approximant] | | | | | | [–approximant] | | | | | | | | | | | | | | |
| [+sonora | | | | | | | | | | | | | | sonorant] | | | | | | |
| | | | | | -delaye | ed releas | e] | | | | | | | | [+d | lelaye | ed rel | | | |
| | | | ntinu | | | | | | | [- | -con | tinua | ant] | | | | [+c | ontii | nuant] | |
| Others: [l | lateral | l], [tri | 11], [ta | ap], | [implos | sive] | | | | | | | | | | | | | labial | |
| [+labial] | | | [+coronal] | | | | | | | | | | | [+dorsal]—— | | | | | -coronal -dorsal | |
| Bilabial Labiodental | | | | | Alveolar Postalveo | | | | | Palatal Velar | | | elar | | | | naryngeal | | Glottal | |
| p b | | | | | t d | 1 | | t | d | c | J | k | g | q | G | | | 3 | | |
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| | [_lab | io-] | <u></u> ⊢-Γ+ | -ant | erior] | · | -anto | erior | 1 | / 1 / E | zation) — | (F) | $\mathbb{C} \mathbb{B}$ | (velari | zation) | (pharyr | ngealization |) | [spre | |
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| labialization: | | ntal | _ | | - | | | | | [+] | front | [] | | [-: | front f+b | | | _ | eproperties [+sproperties sproperties sp | |
| labialization: | | ntal | +di | istril | buted | —dis | strib | outed | | [+] | front -bac | [] [ck] | | [-] | [+b | ack] | | - | breathy | |
| labialization: | | ntal | +di | istril | buted | | strib | outed | | [+] | front -bac | ck] high] | ow] | [-1 | [+b | ack] high] | ·low] | - - - [- | consti glo | |
| labialization: | | ntal | +di | istril | buted | —dis | strib dz, ţ | outed J, dz | | [+] | front -bac [+l | :] ck] nigh] [–le | | | [+b [–] | ack] high] | | _ [- | constr glo [?], ejec | |
| labialization: | | ntal J | +di | istril | buted | —dis | strib dz, ţ | outed J, dz | | [+] | front -bac [+l | :] ck] nigh] [–le | | | [+b [–] | ack] high] | | _ [- | constr glo | |
| | [+labial] +round] | | +di | istril | buted | —dis | strib dz, g | outed | e rig | [+] | front -bac [+l | ck]_nigh] [-lo | = [+v([–fro | oice] | [+b [–] | ack] high] | | preg | construction glo [?], ejection tense s | |
| ther vowe | [*labial] +round | | +di | istril | buted | —dis | strib dz, g | outed J, dz | e rig | [+] | front -bac [+l | ck]_nigh] [-lo | [-fro | oice] | [+b [–] | ack] high] | ·low] | preg | constr glo [?], ejec | |
| ther vowe • [nasal] • [stress] | [*labial] +round | | +di | istril | buted | —dis | dz, g | outed | e rig | [+] | front -bac [+l | ck]_nigh] [-lo | = [+v([–fro | oice] | [+b [–] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
| ther vowe | [*labial] +round | | +di | istril | buted | —dis | dz, g | outed | e rig | [+: | front -bac [+l a ce | ck]_nigh] [-lo | [-fro | oice] | [+b [–] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
| ther vowe • [nasal] • [stress] | [*labial] +round | | +di | istril | buted | —dis | dz, g | outed | e rig | [+: | front backers [+h] a ce | ck]_nigh] [-lo | | oice] | [+b [–] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
| ther vowe • [nasal] • [stress] • [long] | el feat | ures | +di | istril | buted | —dis | dz, g | outed | e rig | [+: | front -bac [+l a ce | ck]_nigh] [-lo | | oice] | [+b [–] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
| ther vowe • [nasal] • [stress] • [long] | [*labial] +round | ures | +di | istril | buted | —dis | dz, g | bouted f , | e rig | [+: | front backers [+h] a ce | ck]_nigh] [-lo | | ont U | [+b [-] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
| ther vowe • [nasal] • [stress] • [long] | el feat | ures | +di | istril | buted | —dis | dz, g | bouted f , | e rig | [+: | front backers [+h] a ce | ck]_nigh] [-lo | | ont U | [+b [-] | ack] high] | ·low] | preg | construction glo [?], ejection tense s | |
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| ther vowe • [nasal] • [stress] • [long] ([+t] w vowels for ossibly rela | el feat latense are no [tense ated to | ures j ot spec]. ear in ad] fea | +di | , the | buted trident] | -dis with ts, of Symbol [+high] | dz, g | bouted f , | e rig | [++ | Front -bac [+h | il linigh] [-lo | | ont U | (+b) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1 | ack] high] [+ | ·low] | preg | construction glo [?], ejectlottalize tense s | |