

Periodicity: Diatonic Scales Affinity-Brightness

stolzenburg2015.affinity

stolzenburg2015.brightness

$\text{C}_4:\text{Db}_4:\text{Eb}_4:\text{F}_4:\text{G}_4:\text{Ab}_4:\text{Bb}_4:\text{C}_5$

$\{0:1:3:5:7:8:10:12\}$

Phrygian

$\text{C}_4:\text{D}_4:\text{E}_4:\text{F}_4:\text{G}_4:\text{A}_4:\text{B}_4:\text{C}_5$

$\{0:2:4:5:7:9:11:12\}$

Ionian

$\text{C}_4:\text{Db}_4:\text{Eb}_4:\text{F}_4:\text{Gb}_4:\text{Ab}_4:\text{Bb}_4:\text{C}_5$

$\{0:1:3:5:6:8:10:12\}$

Locrian

$\text{C}_4:\text{D}_4:\text{E}_4:\text{Gb}_4:\text{G}_4:\text{A}_4:\text{B}_4:\text{C}_5$

$\{0:2:4:6:7:9:11:12\}$

Lydian

$\text{C}_4:\text{D}_4:\text{Eb}_4:\text{F}_4:\text{G}_4:\text{Ab}_4:\text{Bb}_4:\text{C}_5$

$\{0:2:3:5:7:8:10:12\}$

Aeolian

$\text{C}_4:\text{D}_4:\text{E}_4:\text{F}_4:\text{G}_4:\text{A}_4:\text{Bb}_4:\text{C}_5$

$\{0:2:4:5:7:9:10:12\}$

Mixolydian

$\text{C}_4:\text{D}_4:\text{Eb}_4:\text{F}_4:\text{G}_4:\text{A}_4:\text{Bb}_4:\text{C}_5$

$\{0:2:3:5:7:9:10:12\}$

Dorian