

Scales with Major third

Perfect fifth

5	Mela Hatakambari (India)	7 C C# E F G A# B
	Theoretical - No Known Name	7 C C# D E G A B
	Chromatic Dorian 7	7 C Db D E G Ab B
	Gypsy Hexatonic/Lydian Augmented #3	7 C Db E F G Ab A
	Raga Saurashtra (India)	7 C Db E F G Ab B
10	Hungarian Folk or Byzantine Major Gypsy	7 C Db E F G Ab B
	Harmonic Minor Inverse or Bhairav/Mixolydian b9	7 C Db E F G A Bb
	Bhairubahar Thaata (India)/Raga Supradhipam	7 C Db E F G A B
	Ionian, Major, Bilaval C to B asc. Nats.	7 C D E F G A B
	Mixolydian, Khamaj G to F ascend. nats	7 C D E F G A Bb
15	Theoretical - No Known Name	7 C D E G A Bb B
	Mela Naganadini (India)	7 C D E F G Bb B
	Ionian #6	7 C D E F G A# B
	Major Minor, Hindu bVI & bVII	7 C D E F G Ab Bb
	Harmonic Major 1, Ethiopian, Nat Bhairava	7 C D E F G Ab B
20	Major Bebop Heptatonic Mela Mararanjani (India)	7 C D E F G G# A
	Hindu bb7	7 C D E F G Ab Bbb
	Mixolydian Augmented ##4	7 C D E F## G# A Bb
	Raga Madhuri (same as 7/5/3 in 12edo)	7 C E F G A A# B
	Raga Madhuri 11/4891011/2 in 12edo)	7 C E F G A Bb B
25	Phrygian Dominant, Dorico Flamenco, Avaha Raba, Spanish Folk, Jewish Major	7 C Db E F G Ab Bb

Perfect fifth and raised fourth (could function as a diminished fifth)

30	Chromatic Hypodorian Inverse b4	7 C C# D E F# G A
	Chromatic Mixolydian/Chromatic Mixolydian b4	7 C C# D E F# G Bb
	Theoretical - No Known Name	7 C C# D E F# G B
	Mela Dhavalambari (India)	7 C C# E F# G G# A
	Marva Thaata (India) (as Marva 11/23458/6 in 12 edo)	7 C C# E F# G A B
35	Melodic Augmented	7 C Db E F# G A B
	Mela Visvambhari (India)	7 C C# E F# G A# B
	Marva or Marvi (as 7/3/1 in 12 edo)/Lydian b2	7 C Db E F# G A B
	Romanian Major, Purvi bVII	7 C Db E F# G A Bb
	Chromatic Hypolydian, Puravi bVI	7 C Db E F# G Ab B
40	Theoretical - No Known Name	7 C D E F F# G B
	Theoretical - No Known Name	7 C D E F F# G A
	Lydian Dominant, Overtone, Bartok, Hindi #IV & bVII	7 C D E F# G A Bb
	Mela Kantamani (India)	7 C D E F# G G# A
	Lydian b6 bb7	7 C D E F# G Ab Bbb
45	Lydian Minor, Stravinski Raga Ratipriya (India)	7 C D E F# G Ab Bb
	Theoretical - No Known Name	7 C E F F# G A B
	Mela Citrambari (India)	7 C D E F# G A# B
	Lydian #6	7 C D E F# G A# B
	Mela Latangi	7 C D E F# G Ab B
50	Lydian ##5 #6	7 C D E F# A A# B

Diminished fifth

55	Theoretical - No Known Name	7 C C# D E F# A B
	Oriental 1	7 C Db E F Gb A Bb
	Chromatic Hypodorian Inverse 3	7 C Db E F Gb G A
	Mela Namanarayani (India)/Phrygian natural 3 #4	7 C Db E Gb G Ab Bb
	Chromatic Lydian	7 C Db E F Gb A B
60	Chromatic Hypolydian Inverse, Persian	7 C Db E F Gb Ab B
	Mixolydian b5/Oriental	7 C D E F Gb A Bb
	Ionian b5 b7	7 C D E F Gb A Bb
	Major Locrian	7 C D E F Gb Ab Bb
	Theoretical - No Known Name	7 C D E F F# A B
65	Ionian b5	7 C D E F Gb A B
	Altered bb3 7	7 C Db Ebb E Gb Ab B

Without fifth

70	Raga Ragesri (India)	7 C D E F A Bb B
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Augmented fifth

75	Chromatic Phrygian Inverse	7 C C# D E G G# A
	Verdi Enigmatic Descending (#1,#5,#6,#7)	7 C C# E F G# A# B
	Verdi Enigmatic Descending (b2,#5,#6,#7)	7 C Db E F G# A# B
	Harmonic Major 2, Ionian #5	7 C D E F G# A B
	Mixolydian Augmented	7 C D E F G# A Bb
80	Chromatic Phrygian	7 C D# E F G# A# B
	Ionian Augmented #2	7 C D# E F G# A B

Augmented fifth and raised fourth (could function as a diminished fifth)

85	Neapolitan Minor Mode (as 10/48910/11 in 12edo)	7 C C# D E F# G# A
	Verdi Enigmatic Ascending (#1,#4,#5,#6)	7 C C# E F# G# A# B
	Verdi Enigmatic Ascending (b2,#4,#5,#6)	7 C Db E F# G# A# B
	Lydian Augmented b2	7 C Db E F# G# A B
	Lydian Augmented, Hindi #IV & #V/Ionian #5 #6	7 C D E F# G# A B
90	Leading Whole-Tone	7 C D E F# G# A# B
	Arabian bb6	7 C D E F Gb Abb Bb

95

100

105 **Scales with minor third**

Perfect fifth

	Mela Rupavati (India)	7 C C# D# F G A# B
110	Neapolitan Major #6	7 C Db Eb F G A# B
	Theoretical - No Known Name (as 6/0/6 in 12edo)	7 C C# Eb F G G# Bb
	Theoretical - No Known Name	7 C Db D Eb F G Ab
	Theoretical - No Known Name	7 C Db D Eb F G Bb
	Theoretical - No Known Name	7 C Db D Eb G Ab Bb
115	Neapolitan Minor	7 C Db Eb F G Ab Bbb
	Malini	7 C Db Eb F G A B
	Phrygian, Bhairavi E to D asc. nats.(as 11/678910/4 in 12edo)	7 C Db Eb F G Ab Bb
	Neapolitan Major	7 C Db Eb F G A B
	Jazz Minor Inverse. Javanese, Dorian bII & Hindi	7 C Db Eb F G A Bb
120	Locrian natural 2 b4	7 C D Eb Fb Gb Ab Bb
	Alt bb7	7 C Db Eb Fb G Ab Bbb
	Mela Jhankaradhvani (India)	7 C D Eb F G Ab A
	Aeolian Natural Minor, Asavari A to G	7 C D Eb F G Ab Bb
	Dorian, Kafi D to C asc. naturals	7 C D Eb F G A Bb
125	Minor Melodic	7 C D Eb F G A B
	Harmonic Minor	7 C D Eb F G Ab B
	Theoretical - No Known Name	7 C D Eb G Ab A Bb
	Mela Varunapriya (India)	7 C D D# F G A# B
	Chromatic Hypophrygian ##4 ##5	7 C Eb F G A A# B
130	Theoretical - No Known Name	7 C Eb F G Ab A Bb
	Chromatic Hypophrygian b6	7 C Eb F Gb G Ab Bb
	Super Lydian Augmented ##4	7 C Eb F G Ab Bb B

Perfect fifth and raised fourth (could function as a diminished fifth)

135	Mela Divamani (India)	7 C C# D# F# G A# B
	Mela Gavambohdi (India)	7 C C# D# F# G G# A
	Locrian bb3 bb4 bb6	7 C C# D Eb F# G A#/ C C# Ebb Fbb F# Abb
	Bbb	
140	Todi bVII Mela Sadvidhamargini (India)	7 C Db Eb F# G A Bb
	Chromatic Lydian Inverse, Todi bVI	7 C Db Eb F# G Ab B
	Blues Phrygian (same as 7/3/7 in 12 edo)	7 C Db Eb F F# G Bb
	Lydian Diminished	7 C D Eb F# G A B
	Romanian, Gnossiennes	7 C D Eb F# G A Bb
145	Mela Syamalangi (India)	7 C D D# F# G G# A
	Mela Nitimati (India)	7 C D D# F# G A# B
	Blues Modified	7 C D Eb F F# G Bb
	Hungarian Minor	7 C D Eb F# G Ab B
	Hungarian Gypsy, Damian Emmanuel	7 C D Eb F# G Ab Bb
150	Blues Heptatonic	7 C Eb F F# G A Bb
	Blues with Leading Tone/Chromatic Hypophrygian	7 C Eb F F# G A# B
	Lydian #2 #3	7 C D# E# F# G A B

Diminished fifth

	Chromatic HeptaMirror	7 C C# D D# E F F#
160	Hindi 5 flats & bIV (= Dim Whole tn 15/46891012131415/7 in 12edo)	7 C Db Eb Fb Gb Ab Bb
	Locrian - B to A Ascending naturals	7 C Db Eb F Gb Ab Bb
	Blues Phrygian 11/2891011/6 in 12edo)	7 C Db Eb F Gb G Bb
	Locrian bb6	7 C Db Eb F Gb Abb Bb
	Theoretical - No Known Name	7 C Db Eb F Gb Bb Cb
165	Theoretical - No Known Name	7 C Db Eb F Gb G Ab
	Theoretical - No Known Name	7 C Db Eb F Gb Ab Cb
	Locrian bb7	7 C Db Eb F Gb Ab Bbb
	Locrian Natural Maj 6, Pseudo Turkish	7 C Db Eb F Gb A Bb
	Mela Bhavapriya (India)	7 C Db Eb Gb G Ab Bb
170	Phrygian #4	7 C Db Eb F# G Ab Bb
	Enigmatic Minor	7 C Db Eb Gb Ab Bb Cb
	Minor Locrian, Hindi 3 flats and bV	7 C D Eb F Gb Ab Bb
	Dorian b5	7 C D Eb F Gb A Bb
	Locrian 2	7 C D Eb F Gb Ab B
175	Theoretical - No Known Name/Super Lydian Augmented	7 C Eb F Gb Ab Bb Cb

Without fifth (minor sixth could function as an augmented fifth)

180	Theoretical - No Known Name	7 C Db Eb F Ab Bb Cb
	Theoretical - No Known Name	7 C Db D Eb F Ab Bb
	Theoretical - No Known Name	7 C D Eb F Ab A Bb
	Dorian Augmented	7 C D Eb F G# A Bb

185 Augmented fifth

	Enigmatic Minor	7 C Db Eb F# G# A# B
	Locrian bb3 bb4	7 C Db Ebb Fbb F# G# A#
	Dorian Augmented #4	7 C D Eb F# G# A Bb
190	Chromatic Dorian bb4 bb5	7 C C# D Eb F G# A

195

200

205

Without thirds

210

Perfect fifth

	Mela Manavati (India)	7 C C# D F G A B
	Ionian b2 bb3	7 C Db Ebb F G A B
215	Mela Vanaspati (India)	7 C Db D F G A Bb
	Dorian b2 bb3	7 C Db Ebb F G A Bb
	Mela Ganamurti (India)	7 C Db D F G Ab B
	Mela Ratnangi (India)	7 C Db D F G Ab Bb
	Phrygian bb3	7 C Db Ebb F G Ab Bb
220	Theoretical - No Known Name	7 C D F G Ab A Bb
	Raga Sorati (India)	7 C D F G A Bb B
	Raga Sorati (India)	7 C D F G A A# B

225 Perfect fifth and augmented fourth (could function as a diminished fifth)

	Chromatic Hypophrygian Inverse	7 C C# D F F# G A
	Chromatic Mixolydian	7 C C# D F F# G A#
	Mela Pavani (India)	7 C C# D F# G A B
230	Mela Salaga (India)	7 C C# D F# G G# A
	Mela Jalarnava (India)	7 C C# D F# G G# A#
	Mela Jhalavarali (India)	7 C C# D F# G G# B
	Mela Raghupriya (India)	7 C C# D F# G A# B
	Mela Navanitam (India)	7 C C# D F# G A A#
235	Theoretical - No Known Name/Lydian #3	7 C D F F# G A B
	Chromatic Mixolydian Inverse	7 C D F F# G A# B
	Aeolian #3 #4	7 C D F F# G Ab Bb

Diminished fifth

240

	Theoretical - No Known Name	7 C Db F Gb G Ab Bb
	Theoretical - No Known Name	7 C Db F Gb Ab Bb Cb
	Altered 6	7 C Db D F Gb A Bb
	Ultra Locrian	7 C Db Ebb Fb Gb Ab Bbb
245	Chromatic Mixolydian 6 7	7 C Db D F Gb A B
	Locrian bb3	7 C Db D F Gb Ab Bb
	Locrian bb3 bb7	7 C Db Ebb F Gb Ab Bbb
	Chromatic Mixolydian Inverse ##5	7 C D F F# A A# B

250 Augmented fifth

	Chromatic Dorian	7 C C# D F G G# A
	Gipsy Hexatonic, Raga Kalakanti	7 C Db F Gb G# A Bb
	Nohkan (Japan)	7 C D F Gb G# A B

255

260

With both thirds

Perfect fifth

265	Indian, Phrygian dim 4th	7 C Db D# E G Ab Bb
	Houzam (Greece) Raga Saildesakshi, Trishuli (India)	7 C D# E F G A B
	Ionian #2	7 C D# E F G A B
	Minor Bebop Heptatonic (as 7/3/4 in 12edo)	7 C D D# E G A Bb
	Sabach (Greece)	7 C D D# E G Ab Bb
270	Sambah	7 C D Eb Fb G Ab Bb
	Locrian 2 7	7 C D Eb Fb G Ab B
	Persian #2 bb7	7 C D Eb Fb F Ab Bbb
	Theoretical - No Known Name	7 C D Eb E F G A
	Theoretical - No Known Name	7 C D Eb E F G Bb
275	Minor Bebop (all b's) 11/2891011/3 in 12edo)	7 C D Eb E G A Bb
	Dorian b4	7 C D Eb Fb G A Bb
	Jazz Minor b4	7 C D Eb Fb G A B
	Chromatic Dorian Inverse Raga None (India)/Ionian #2 #6	7 C D# E F G A# B
	Rock 'n Roll (same as 7/6/4 in 12edo)/Dominant #2	7 C D# E F G A Bb
280	Raga Nandkauns (India) (same as Rock 11/5891011/3 in 12 edo)	7 C Eb E F G A Bb
	Chromatic Phrygian ##4 ##5	7 C D# E G A A# B

Perfect fifth and augmented fourth (could function as a diminished fifth)

285	Lydian #2 Raga Kuksumakaram	7 C D# E F# G A B
	Mela Rasikapriya (India)/Lydian #6 #2	7 C D# E F# G A# B
	Hungarian Major Raga Nasamani (India)	7 C D# E F# G A Bb

Perfect fifth, augmented fifth and augmented fourth (could function as a diminished fifth)

290	Mela Sucaritra (India)	7 C D# E F# G G# A
	Mela Jhotisvarupini (India)	7 C D# E F# G G# A#
	Mela Dhatuvardhani (India)	7 C D# E F# G G# B

Perfect fifth, augmented fifth

295	Mela Gangeyabhusani (India)	7 C D# E F G G# B
	Mela Ragavardhani (India)	7 C D# E F G G# A#
	Chromatic Hypodorian	7 C D D# E G G# A
300	Dorian b2 #4	7 C D# E F G G# A# B
	Chromatic Hypodorian Inverse ##4	7 C D# E G G# A Bb

Diminished fifth

305	Spanish Heptatonic/Locrian #2 natural 3	7 C D# E F Gb Ab Bb
	Superlocrian, Diminished Whole-Tone (as 8/28/9 in 12 edo)	7 C Db D# E Gb Ab Bb
	Ultra Locrian 2	7 C D Eb Fb Gb Ab Bbb
	Lydian Augmented #2 #6	7 C Eb Fb Gb Ab A# B
	Arabian #2 7	7 C D# E F Gb Ab B

310

Without fifth

315 Theoretical - No Known Name 7 C D Eb E F A Bb
Ravel bb5 7 C Db Eb E F Ab Bb
Alt bb6 bb7 7 C Db Eb Fb Gbb Ab Bbb
Aeolian b4 bb5 7 C D Eb Fb F Ab Bb

320 Augmented fifth

Aeolian Flat 1 7 C D# E F# G# A B
Chromatic Hypodorian Inverse 7 C D# E F G# A Bb

325 **Un-classified**

Theoretical - No Known Name (as 8/26/1 in 12edo) 7 C Db Ebb Fb Gb Ab Bbb
Superlocrian bb3 7 C Db Ebb Fb Gb Ab Bb

330 Example Of Pelog 7 C Cx Fb F# G Ab B

Appendix

335 Harmonic Major: Blue
Blues modified: Orange
Enigmatic Ascending: Turquoise
Aeolian bb7: Violet

340 Locrian natural 7: Dark Violet
Dehnuka: Magenta HIGHLIGHT
Locrian #2 natural 3: Brown
Hungarian Major: Light magenta
Sambah: Dark Green

345 Hungarian Minor: Yellow HIGHLIGHT
Enigmatic Minor: Turquoise HIGHLIGHT
Verdi's Enigmatic Descending: Red HIGHLIGHT
Persian: Gray HIGHLIGHT
Purvi: Green HIGHLIGHT

350