


Scale formula

Whole Step = WS Half Step = HS

WS/WS/HS/WS/WS/WS/HS

C Major Scale

C C#/Db D D#/Eb E F F#/Gb G G#/Ab A A#/Bb B C C#/Db D D#/Eb E F F#/Gb G




WS WS HS WS WSWS HS

C D E F G A B C

Eb Major Scale

C C#/Db D D#/Eb E F F#/Gb G G#/Ab A A#/Bb B C C#/Db D D#/Eb E F F#/Gb G



WS WS HS WS WSWS HS

Eb F G Ab Bb C D Eb

Intervals

Minor 2nd - HS

Major 2nd- WS

Minor 3rd- WS + HS

Major 3rd- 2WS

Perfect 4th – 2WS + HS

Augmented 4th or Diminished 5th – 3WS

Perfect 5th–3WS + HS

Minor 6th – 4 WS

Major 6th – 4 WS + HS

Minor 7th – 5 WS

Major 7th – 5 WS + HS

Octave – 6WS

Chord Formulas

Triad includes three notes. A root, third and fifth.

Major – Root / Major 3rd / Perfect 5th

Minor – Root / Minor 3rd / Perfect 5th

Augmented – Root / Major 3rd / Augmented 5th

Diminished – Root / Minor 3rd / Diminished 5th

Seventh Chords

Major 7th – Root / Major 3rd / Perfect 5th / Major 7th

Dominant 7th – Root / Major 3rd / Perfect 5th / Minor 7th

Minor 7th – Root / Minor 3rd / Perfect 5th / Minor 7th

Minor 7th b5 – Root / Minor 3rd / Diminished 5th / Minor 7th (Half Diminished chord)

Diminished 7th Chord – Root / Minor 3rd / Diminished 5th / Diminished 7th (double flatted seventh)