

1 Common scales for major, dominant and minor chords



2 Scales for half diminished chords

2.1 Locrian

Play the scale 1/2 step higher (D \flat) starting on the 7th (C)



2.2 Two ways of looking at the half/whole (H/W) diminished scale.

It contains the chord tones for a half diminished chord. (\flat 3, \flat 5, \flat 7)

It can work for chords like C7(\sharp 9), C7(\flat 9), C7(13 \flat 9) = C7(13) = (C7 \sharp 5)



This is the same scale starting on any of the 4 notes C, E \flat , F \sharp , or A.

There are only 3 distinct H/W scales.



2.3 Altered Scale

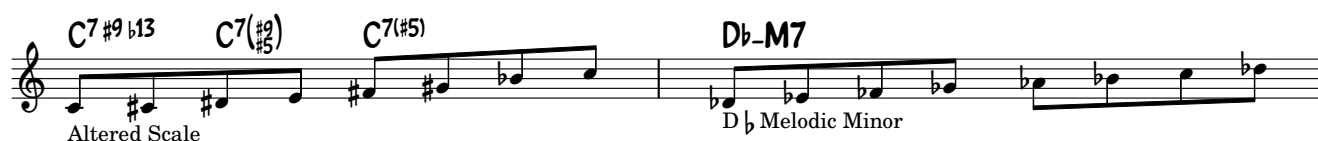
Three ways of looking at the altered scale.

It is very similar to the half/whole diminished.

You can also look at it as having the notes of the scale a 1/2 step lower.



Another way of thinking of it is as the notes of the melodic minor (\flat 3) starting 1/2 step up.



3 Diminished chords (W/H Dim)

Two ways of looking at the whole/half diminished.

You can think of this as a diminished chord (C, E \flat , G \flat , B $\flat\flat$) plus a whole step above each chord tone (D, F, A \flat , C \flat).



There are only 3 distinct W/H scales.



4 Lydian Chords

The Lydian scale has a raised 4th (11th). (4th mode of major scale)

Dominant indicates a lowered 7th.

Augmented indicates a raised 5th.



5 Phrygian (Spanish) Dominant

The Phrygian (Spanish) dominant scale is the 5th mode of the Harmonic minor scale (b3, b6).

It has an exotic sound.



6 Whole tone

There are only 2 whole tone scales. (Both given below.)



7 Minor Scales

Natural Minor: Add 3 \flat 's ($\flat 3$, $\flat 6$, $\flat 7$)

Harmonic Minor: $\flat 3$ & $\flat 6$ (natural minor with raised [natural] 7)

Melodic minor: $\flat 3$ - Classical music has melodic minor rising, and natural descending.



8 Pentatonic and Blues

The minor pentatonic has the same notes as the major pentatonic of the relative minor.

C minor pentatonic has same notes as the $E\flat$ major pentatonic.

The blues scale is like the minor pentatonic with an added "blues" tone ($\sharp 4$)



9 Chord Choices

Chord	Basic			More altered
maj7	Ionian	Lydian	Lydian $\sharp 5$	
min7	Dorian	Aeolian	Phrygian	
dom7	Mixolydian	Lydian $\flat 7$	$\flat 9$ diminished	altered
half-dim (min7 $\flat 5$)	Locrian	Locrian nat9		
minMaj7	Melodic minor			
Maj7 $\sharp 5$	Lydian $\sharp 5$			
dom7 $\sharp 11$	Lydian $\flat 7$			
dom7 $\flat 9$	Altered			
dom7 $\sharp 8 \flat 13$	Altered			
altered dom	Altered			

10 Modes of scales

Mode	Major	Melodic Minor
1	Ionian Major	Minor $\flat 3$ Use over minMaj7
2	Dorian Minor $\flat 3, \flat 7$	Dorian $\flat 2$ Minor $\flat 2, \flat 3, \flat 7$
3	Phrygian Darker minor Add 4 \flat 's Not the same as Phrygian dom	Lydian $\sharp 5$ Major $\sharp 4, \sharp 5$ Use over Maj7 $\sharp 5$
4	Lydian Major Add 1 \sharp Not the same as Phrygian dom	Lydian $\flat 7$ Major $\sharp 4, \flat 7$ Use over dom $\sharp 11$
5	Mixolydian Major Add 1 \flat Use over dom 7	Mixolydian $\flat 6$ Major $\flat 6, \flat 7$
6	Aeolian Natural minor $\flat 3, \flat 6, \flat 7$ Add 3 \flat 's	Locrian nat9 lower 5th, raise 9th Use over half-dim (min7 $\flat 5$)
7	Locrian Half-diminished $\flat 2, \flat 3, \flat 5, \flat 6$, Add 5 \flat 's Use over half-dim (min7 $\flat 5$) Key of scale 1/2 step higher than root	Altered Use over altered dom Use over dom7 $\flat 9$ Use over dom7 $\sharp 9 \flat 13$

Table 1: Modes of Scales