

## Diatonic 7th Chords in Major and Minor Keys

Diatonic 7th chords in C major:

Cmaj7
Dm7
Em7
Fmaj7
G7
Am7
Bm7(b5)

C: I maj7
ii-7
iii-7
IV maj7
V7
vi-7
vii-7(b5)

Diatonic 7th chords in C minor:

Cm7
Dm7(b5)
Ebmaj7
Fm7
G7
Abmaj7
Bb7
Bdim7

c min: i-7
ii-7(b5)
III maj7
iv-7
V7
VI maj7
VII7
vii<sup>0</sup>7

*In minor keys, the V7 and Vii<sup>0</sup>7 utilize the harmonic minor raised 7th scale degree, which is the chordal 3rd of the V7 and the chordal root of the Vii<sup>0</sup>7*

*The B natural is the raised 7th in C harmonic minor*

In minor keys, the V7 and Vii<sup>0</sup>7 utilize the *harmonic minor* raised 7th scale degree.

This means there are two types of chords build off the 7th scale degree:

- a *dominant* 7th chord (VII7 - built off the natural minor 7th degree—Bb7 in the above example)
- a *diminished* 7th chord (Vii<sup>0</sup>7 - built off the harmonic minor raised 7th degree—B<sup>0</sup>7 in the above example).

The harmonic minor mode is usually applied to the V7 chord as well; it is almost always a *dominant 7th* chord (not a minor 7th chord). In a sense, it is emulating the naturally-occurring V7 found in the major mode.