

symbol	structure	function	chord scale	avoid note
Cmaj7	1 3 5 7	I maj7	ionian = mode 1 of the melodic major scale	4
Cmaj6	1 3 5 6	Imaj6		
Cmaj7 #11	1 3 5 7 #11	IVmaj7 #11	lydian = mode 4 of the melodic major scale	-
Caug (maj7)	1 3 #5 7	Iaug (maj7)	ionian b6 = mode 1 of the harmonic major scale	4
		bIIIaug (maj7)	ionian #5 = mode 3 of the harmonic minor scale	4
Caug (maj7) #11	1 3 #5 7 #11	bIIIaug (maj7) #11	lydien aug = mode 3 of the melodic minor scale	-
Cmin7	1 b3 5 b7	Imin7, VI min7	aeolian = mode 6 of the melodic major scale	b6
		IImin7	dorian = mode 2 of the melodic major scale	6
		IIImin7	phrygiAn = mode3 of the melodic major scale	b2
Cmin (maj7)	1 b3 5 7	Imin (maj7)	harmonic minor = aeolien $\flat 7$	b6
			melodic minor = aeolian $\flat 6 \flat 7$	-
Cmin6	1 b3 5 6	Imin6	melodic minor	-
			dorian	b7
Cmin7 b5	1 b3 b5 b7	VIImin7 b5	locrian = mode 7 of the melodic major scale	b2
		IImin7b5	locrian $\flat 6$ = mode 2 of the harmonic minor scale	b2
Cmin7 b5 9	1 b3 b5 b7 9	IImin7 b5	dorian b5= mode 2 of the harmonic major scale	-
		VImin7 b5	locrian $\flat 2$ = mode 6 of the melodic minor scale	-
C7	1 3 5 b7	V7	mixolydian = mode 5 of the melodic major scale	4
C7 #11	1 3 5 b7 #11	subV7	lydien b7 = mode 4 of the melodic minor scale	-
C7 b9 $\flat 13$	1 3 5b7b9 $\flat 13$		mixolydian b2 = mode 5 of the harmonic major scale	4
C7b9#11 $\flat 13$	135b7#11 $\flat 13$		mixolydian b2 #4 =dominant diminished scale without #2	
			dominant diminished scale = $\frac{1}{2}$ tone -whole tone scale	- *
C7 #9 $\flat 13$	1 3 5 b7 #9		mixolydian #2	4
C7#9 #11 $\flat 13$	135b7#9#11 $\flat 13$		mixolydien #2 #4 = dominant diminished scale without b2	
			dominant diminished scale	- *
Caug7	1 3 #5 b7		whole tone scale	-
C7 b9 b13	1 3 5 b9 b13	V7 b9 b13	HM5 = mode 5 of the harmonic minor scale	4
C7alt	1 3 b7 b9 #9 #11 b13	VII7 alt	super locrian = dim.- wholetone = mode 7 of the melodic minor scale	- *
C7sus4	1 4 5 b7	V7sus4	mixolydian	- *
		II7sus4	dorian	- *
		III7sus4	phrygian	- *
		VI7sus4	aeolian	- *
Cdim7	1 b3 b5 bb7		diminished scale= whole tone- $\frac{1}{2}$ tone scale	- *
Cdim (maj7)	1 b3 b5 $\flat 7$			

\*) be aware of b9 intervals. They might destroy the harmonic function