

CHORD FORMULAS

CHORD FAMILY	CHORD DEGREES	CHORD TONES
MAJOR CHORDS		
C (or C ^{triad})	1 3 5	C E G
C6	1 3 5 6	C E G A
C6/9	1 3 5 6 9	C E G A D
Cmaj7 (or CΔ7 or C ⁺ or simply C)	1 3 5 7	C E G B
Cmaj9	1 3 5 7 9	C E G B D
Cmaj7#11	1 3 5 7 #11	C E G B F#
Cmaj7#5	1 3 #5 7	C E G# B
MINOR CHORDS		
C- (or Cmin or Cm)	1 b3 5	C Eb G
C-6	1 b3 5 6	C Eb G A
C-6/9	1 b3 5 6 9	C Eb G A D
C-7	1 b3 5 b7	C Eb G Bb
C-7#5	1 b3 #5 b7	C Eb G# Bb
C-9	1 b3 5 b7 9	C Eb G Bb D
C-11		
C-7/4 if ninth is omitted	1 b3 5 b7 (9) 11	C Eb G Bb (D) F
C-Δ7	1 b3 5 7	C Eb G B
C-Δ9	1 b3 5 7 9	C Eb G B D
DOMINANT SEVENTH CHORDS		
C7	1 3 5 b7	C E G Bb
C7b5	1 3 b5 b7	C E Gb Bb
C7#5	1 3 #5 b7	C E G# Bb
C7b9	1 3 5 b7 b9	C E G Bb Db
C7#9	1 3 5 b7 #9	C E G Bb D#
C7#11	1 3 5 b7 #11	C E G Bb F#
C9	1 3 5 b7 9	C E G Bb D
C11		
usually the third is omitted	1 (3) 5 b7 9 11	C (E) G Bb D F
C13		
usually the eleventh is omitted	1 3 5 b7 9 (11) 13	C E G Bb D (F) A
C7b5b9	1 3 b5 b7 b9	C E Gb Bb Db
C7#5#9	1 3 #5 b7 #9	C E G# Bb D#
C7b5#9	1 3 b5 b7 #9	C E Gb Bb D#
C7#5b9	1 3 #5 b7 b9	C E G# Bb Db
C7alt	any C7 with both fifth and ninth altered (see four chords above)	
(alt = altered)		
C7/4		
usually the third is omitted	1 (3) 5 b7 11	C (E) G Bb F
C7sus4	1 4 5 b7	C F G Bb
C7susb9	1 4 5 b7 b9	C F G Bb Db
HALF DIMINISHED CHORDS		
C-7b5 (or Cmin7b5 or C ^o)	1 b3 b5 b7	C Eb Gb Bb
C-7b5/#2 (or Cmin7b5/#2 or C ^o #2)	1 b3 b5 b7 9	C Eb Gb Bb D
C-11b5 (or Cmin11b5) the ninth is frequently omitted	1 b3 b5 b7 (9) 11	C Eb Gb Bb (D) F
DIMINISHED CHORDS		
Cdim (or C ^o)	1 b3 b5	C Eb Gb
Cdim7 (or C ^o 7 or simply C ^o)	1 b3 b5 bb7	C Eb Gb Bbb