

# Building Seventh Chords

## Tones of major scale, numbered

1                    2                    3                    4                    5                    6                    7                    8 (1)

A musical staff in 4/4 time showing the tones of the major scale. The notes are: C (1), D (2), E (3), F (4), G (5), A (6), B (7), and C (8, labeled as 1). Each note is a half note.

## 7th chords built in thirds on each scale tone with their chord-type identified

I chord (maj 7)                    ii chord (min 7)                    iii chord (min 7)                    IV chord (maj 7)

A musical staff showing four chords built in thirds on the first four scale tones. Above the staff are labels: 'I chord (maj 7)', 'ii chord (min 7)', 'iii chord (min 7)', and 'IV chord (maj 7)'. Each chord is represented by a vertical stack of four notes.

*Note: scale-tone chords built on I and IV are Major 7th type, scale-tone chords built on ii, iii and vi are minor 7th type, the scale-tone chord built on vii is a half-diminished type*

V chord (dom 7)                    vi chord (min 7)                    vii chord (half diminished 7)

A musical staff showing three chords built in thirds on the remaining scale tones. Above the staff are labels: 'V chord (dom 7)', 'vi chord (min 7)', and 'vii chord (half diminished 7)'. Each chord is represented by a vertical stack of four notes.

## The characteristics of the chord-types result from the type of 3rd between each chord tone (major (M) or minor (m))

M                    m                    M                    m                    M                    m

A musical staff showing the intervals between the 3rd and 4th tones of the chords. Above the staff are labels: 'M', 'm', 'M', 'm', 'M', 'm'. Below the staff are the notes: C, E, G, B, C, E, G, B. The first four notes (C, E, G, B) are grouped under 'Maj7' and the last four notes (C, E, G, B) are grouped under 'min7'.

m                    M                    m                    M                    m                    M

A musical staff showing the intervals between the 3rd and 4th tones of the chords. Above the staff are labels: 'm', 'M', 'm', 'M', 'm', 'M'. Below the staff are the notes: C, E, G, B, C, E, G, B. The first four notes (C, E, G, B) are grouped under 'min7' and the last four notes (C, E, G, B) are grouped under 'Maj7'.

M                    m                    m                    m                    M                    m

A musical staff showing the intervals between the 3rd and 4th tones of the chords. Above the staff are labels: 'M', 'm', 'm', 'm', 'M', 'm'. Below the staff are the notes: C, E, G, B, C, E, G, B. The first four notes (C, E, G, B) are grouped under 'Dom7' and the last four notes (C, E, G, B) are grouped under 'min7'.

m                    m                    M

A musical staff showing the intervals between the 3rd and 4th tones of the chords. Above the staff are labels: 'm', 'm', 'M'. Below the staff are the notes: C, E, G, B. The first two notes (C, E) are grouped under 'half dim7'.