Em(maj7) Guitar Chord Chart

E minor major 7th · notes E G B D♯ · formula 1 ♭3 5 7 · 17 voicings

Interactive page: triads-guitar.com/chords/e-m-maj7 · Build any chord: triads-guitar.com/chord-library-app

The formula



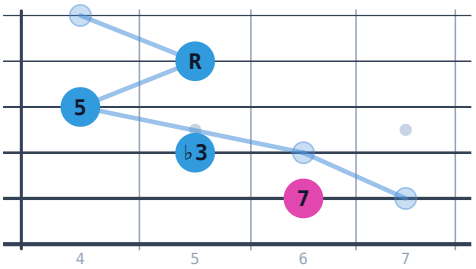
Character: mysterious

Triad note root, 3rd or 5th, played in its place **Substitute** an extension on a triad note's string
Added an extension on a string of its own **Anchored root** the root on the string below
Bass a slash chord's bass note **Doubling** the same note an octave away

17 ways to play Em(maj7)

C shape · 3rd inversion

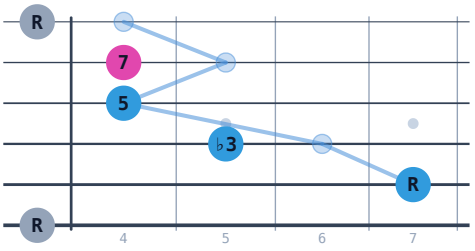
Em(maj7)/D♯



x 6 5 4 5 x
7 ♭3 5 1 (D♯ G B E)
Base triad: E minor, 1st inversion The 7th gets a string of its own.

C shape · Root position

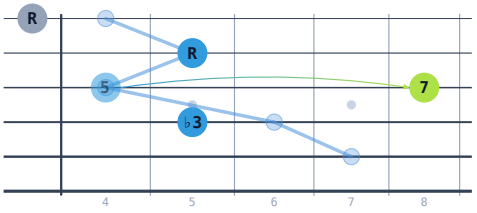
Em(maj7)



0 7 5 4 4 0
1 ♭3 5 7 (E G B D♯)
Base triad: E minor, root position The 7th gets a string of its own.

C shape · 1st inversion

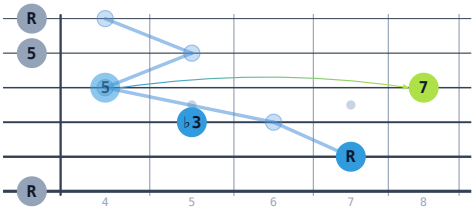
Em(maj7)/G



x x 5 8 5 0
♭3 7 1 (G D♯ E)
Base triad: E minor, 1st inversion The 7th takes the 5th's string.

C shape · Root position

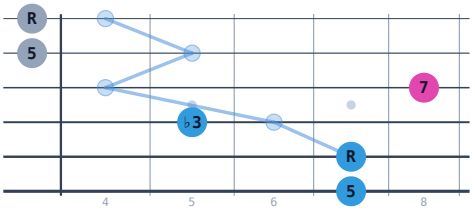
Em(maj7)



0 7 5 8 0 0
1 ♭3 7 (E G D♯)
Base triad: E minor, root position The 7th takes the 5th's string.

C shape · 2nd inversion

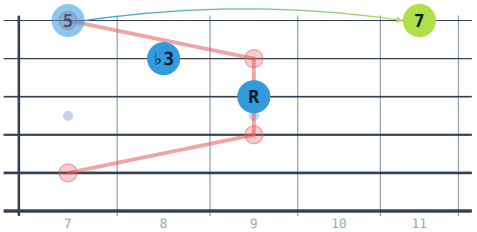
Em(maj7)/B



7 7 5 8 0 0
5 1 ♭3 7 (B E G D♯)
Base triad: E minor, 2nd inversion The 7th gets a string of its own.

A shape · Root position

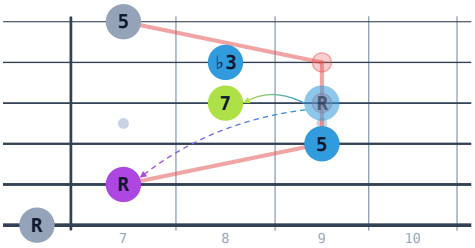
Em(maj7)



x x x 9 8 11
1 ♭3 7 (E G D♯)
Base triad: E minor, root position The 7th takes the 5th's string.

A shape · 2nd inversion · Anchored

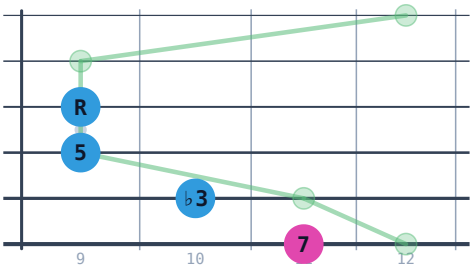
Em(maj7)



0 7 9 8 8 7
1 5 7 ♭3 (E B D♯ G)
Base triad: E minor, 2nd inversion The root drops to the string below the triad. The 7th takes the root's string.

G shape · 3rd inversion

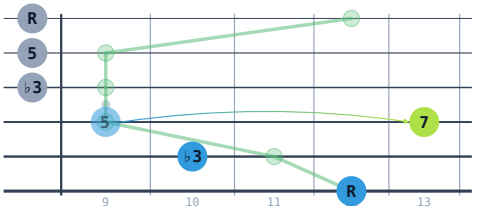
Em(maj7)/D♯



11 10 9 9 x x
7 ♭3 5 1 (D♯ G B E)
Base triad: E minor, 1st inversion The 7th gets a string of its own.

G shape · Root position

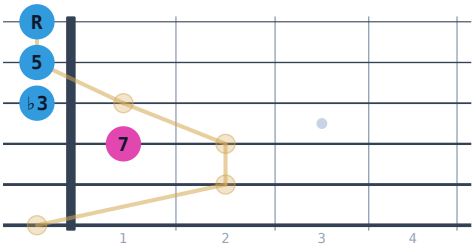
Em(maj7)



12 10 13 0 0 0
1 ♭3 7 (E G D♯)
Base triad: E minor, root position The 7th takes the 5th's string.

E shape · 3rd inversion

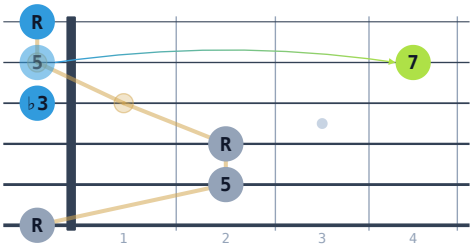
Em(maj7)/D♯



x x 1 0 0 0
7 ♭3 5 1 (D♯ G B E)
Base triad: E minor, 1st inversion The 7th gets a string of its own.

E shape · 1st inversion

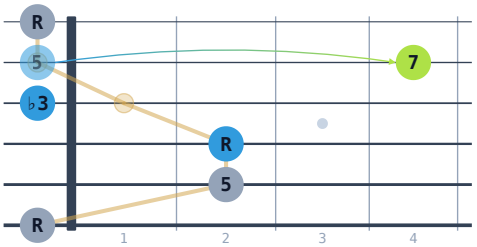
Em(maj7)/G



0 2 2 0 4 0
♭3 7 1 (G D♯ E)
Base triad: E minor, 1st inversion The 7th takes the 5th's string.

E shape · Root position

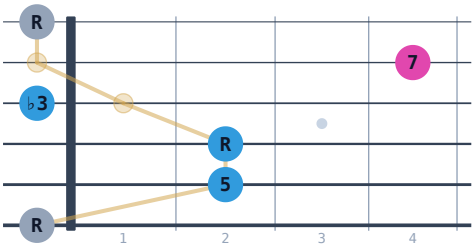
Em(maj7)



0 2 2 0 4 0
1 ♭3 7 (E G D♯)
Base triad: E minor, root position The 7th takes the 5th's string.

E shape · 2nd inversion

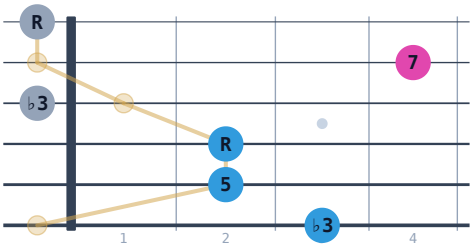
Em(maj7)/B



0 2 2 0 4 0
5 1 ♭3 7 (B E G D♯)
Base triad: E minor, 2nd inversion The 7th gets a string of its own.

E shape · 1st inversion

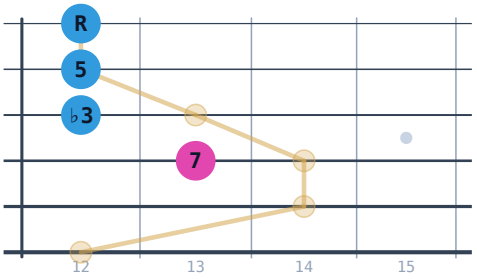
Em(maj7)/G



3 2 2 0 4 0
♭3 5 1 7 (G B E D♯)
Base triad: E minor, 1st inversion The 7th gets a string of its own.

E shape · 3rd inversion

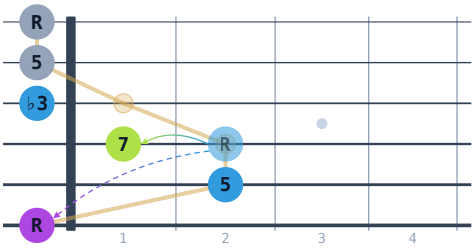
Em(maj7)/D♯



x x 13 12 12 12
7 ♭3 5 1 (D♯ G B E)
Base triad: E minor, 1st inversion The 7th gets a string of its own.

E shape · 2nd inversion · Anchored

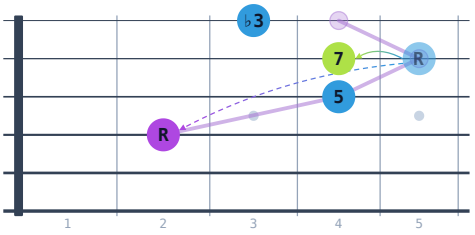
Em(maj7)



0 2 1 0 0 0
1 5 7 ♭3 (E B D♯ G)
Base triad: E minor, 2nd inversion The root drops to the string below the triad. The 7th takes the root's string.

D shape · 2nd inversion · Anchored

Em(maj7)



x x 2 4 4 3
1 5 7 ♭3 (E B D♯ G)
Base triad: E minor, 2nd inversion The root drops to the string below the triad. The 7th takes the root's string.

Construction rules

Start from a triad. Root, 3rd and 5th, stacked in thirds. The 3rd makes it major or minor; the 5th makes it diminished or augmented when it moves.

A third on top makes a 7th chord. A major 7th over a major triad is maj7, a ♭7 is a dominant 7. Over minor you get m7 or m(maj7); over diminished, m7♭5 or the °7, whose 7th is lowered twice.

On guitar, something has to give. Each extension takes the string of a triad note that matters less, usually the 5th, or gets a string of its own. The root and 3rd stay: they say what the chord is.

The root can move down. When an extension needs the root’s string, the root can drop to the string below the triad: an anchored voicing keeps the bass and frees a string on top.