

CHORD CHEMISTRY

Here is a chart of formulae to formulate various types of chords

| Symbol for C | Chord Type | Notes of Scale Used |
|--------------|-----------------------|---|
| C | Major | Root, 3rd, 5th |
| Cmin | Minor | Root, b3rd, 5th |
| Co | Diminished | Root, b3rd, b5th, bb7th |
| C+ | Augmented | Root, 3rd, #5th |
| C7 | Dominant Seventh | Root, 3rd, 5th, b7th |
| Cmin7 | Minor Seventh | Root, b3rd, 5th, b7th |
| Cmaj7 | Major Seventh | Root, 3rd, 5th, 7th |
| C6 | Major Sixth | Root, 3rd, 5th, 6th |
| Cmin6 | Minor Sixth | Root, b3rd, 5th, 6th |
| C7#5 | Seventh #5th | Root, 3rd, #5th, b7th |
| C7b5 | Seventh b5th | Root, 3rd, b5th, b7th |
| CMaj7b3 | Major 7th b3rd | Root, b3rd, 5th, 7th |
| Cmin7b5 | Minor 7th b5th | Root, b3rd, b5th, b7th |
| Csus4 | Seventh Suspended 4th | Root, 4th, 5th, b7th |
| C9 | Ninth | Root, 3rd, 5th, b7th, 9th |
| Cmin9 | Minor Ninth | Root, b3rd, 5th, b7th, 9th |
| CMaj9 | Major Ninth | Root, 3rd, 5th, 7th, 9th |
| C9+5 | Ninth Augmented 5th | Root, 3rd, #5th, b7th, 9th |
| C9b5 | Ninth Flatted 5th | Root, 3rd, b5th, b7th, 9th |
| C7b9 | Seventh b9 | Root, 3rd, 5th, b7th, b9th |
| C+9 | Augmented Ninth | Root, 3rd, 5th, b7th, #9th |
| C9/6 | 9/6 | Root, 3rd, 5th, 6th, 9th |
| C11 | Eleventh | Root, 3rd, 5th, b7th, 9th, 11th |
| C+11 | Augmented Eleventh | Root, 3rd, 5th, b7th, 9th, #11th |
| C13 | Thirteenth | Root, 3rd, 5th, b7th, 9th, 11th, 13th |
| C13b9 | Thirteenth b9 | Root, 3rd, 5th, b7th, b9th, 11th, 13th |
| C13b9b5 | Thirteenth b9b5 | Root, 3rd, b5th, b7th, b9th, 11th, 13th |

***Note**-To arrive at scale degrees above 1 octave, (i.e. 9th, 11th, 13th) continue your scale beyond the octave into the second octave.