

C	C#	Db	D	D#	Eb	E	F	F#	Gb	G	G#	Ab	A	A#	Bb	B	C
Do	Di	Ra	Re	Ri	Me	Mi	Fa	Fi	Se	Sol	Si	Le	La	Li	Te	Ti	Do
0	1	1	2	3	3	4	5	6	6	7	8	8	9	10	10	11	0

How to create chords using integer notation

	Root	3rd	5th	7th or 6th
Inversions:	Root Position	1st Inversion	2nd Inversion	3rd Inversion

CHORDS THAT ALWAYS HAVE X+4 AS THE THIRD (MAJOR THIRD)

Major Triad Chord:	X C	X+4 E	X+7 G	No 7th No 7th
Major 7th Chord:	X C	X+4 E	X+7 G	X+11 B
Dominant 7th Chord	X C	X+4 E	X+7 G	X+10 Bb
Major 6th Chord	X C	X+4 E	X+7 G	X+9 A

CHORDS THAT ALWAYS HAVE X+3 (MINOR 3RD)

Major Triad Chord:	X C	X+4 E	X+7 G	No 7th No 7th
Minor Triad Chord:	X C	X+3 Eb	X+7 G	No 7th No 7th
Minor triad Major 7th	X C	X+3 Eb	X+7 G	X+11 B
Minor 7th chord	X C	X+3 Eb	X+7 G	X+10 Bb
Minor 6th chord	X C	X+3 Eb	X+7 G	X+9 A

CHORDS IN WHICH THE 5TH IS ALTERED

Diminished Triad	X C	X+3 Eb	X+6 Gb	NO 7th No 7th
Dominant 7th Chord	X C	X+4 E	X+7 G	X+10 Bb
7th chord diminished 5th	X C	X+4 E	X+6 Gb	X+10 Bb
Half Diminished 7th Chord	X C	X+3 Eb	X+6 Gb	X+10 Bb
Fully Diminished 7th Chord	X C	X+3 Eb	X+6 Gb	X+9 A
Major 7th Augmented 5th:	X C	X+4 E	X+8 G#	X+11 B
Augmented 7th Chord	X C	X+4 E	X+8 G#	X+11 X+10

Simpler format of above equations, just add the intervals to the note in question

CHORDS THAT ALWAYS HAVE X+4 (MAJOR 3RD)

Major triad chord: x+ 4, 7

Major 7th chord: x+ 4, 7, 11

Dominant 7th chord: X+ 3, 7, 10

Major 6 chord: x+ 4, 7, 9

CHORDS THAT ALWAYS HAVE X+3 (MINOR THIRD)

Minor triad/7 chord: X+ 3, 7

Minor 7th chord: X+ 3, 7, 10

Minor 6 chord: X+ 3, 7, 9

CHORDS THAT ARE JUST WEIRD (DON'T WORRY ABOUT THEM)

Half Diminished 7th Chord: X+ 3, 6, 10

Diminished Triad: X+ 3, 6

Diminished 7th Chord: X+ 3, 6, 9

Augmented Chord: X+ 4, 8

EXAMPLE OF A SCALE

Whole Tone Scale in Integer Notation: The whole tone scale is just going every other note, or moving through the pitches in whole steps:

0, 2, 4, 6, 8, 10, 0

1, 3, 5, 7, 9, 11, 1