

Select Note:

C

Note: Program does not check for correct enharmonic (i.e. F# vs. Gb).

CHROMATIC

R	b2	2	b3	3	4	b5	5	b6	6	b7	7
C	Db	D	Eb	E	F	F#	G	Ab	A	Bb	B

DIATONIC

- 1 Ionian
- 2 Dorian
- 3 Phrygian
- 4 Lydian
- 5 Mixolydian
- 6 Aeolian
- 7 Locrian

	1	2	3	4	5	6	7	Equivalent Major Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	E	F	G	A	B	C	1 - 2 - 3 - 4 - 5 - 6 - 7	Maj	Maj 7	9	11	13
	C	D	Eb	F	G	A	Bb	Bb	1 - 2 - b3 - 4 - 5 - 6 - b7	Min	Min 7	9	11	13
	C	Db	Eb	F	G	Ab	Bb	Ab	1 - b2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	b9	11	b13
	C	D	E	F#	G	A	B	G	1 - 2 - 3 - #4 - 5 - 6 - 7	Maj	Maj 7	9	#11	13
	C	D	E	F	G	A	Bb	F	1 - 2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	9	11	13
	C	D	Eb	F	G	Ab	Bb	Eb	1 - 2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	9	11	b13
	C	Db	Eb	F	F#	Ab	Bb	Db	1 - b2 - b3 - 4 - b5 - b6 - b7	Dim	Dim 7	b9	11	b13

DIATONIC (7 Inversions)

- 1 Ionian
- 2 Dorian
- 3 Phrygian
- 4 Lydian
- 5 Mixolydian
- 6 Aeolian
- 7 Locrian

	1	2	3	4	5	6	7	Equivalent Major Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	E	F	G	A	B	C	1 - 2 - 3 - 4 - 5 - 6 - 7	Maj	Maj 7	9	11	13
	D	E	F	G	A	B	C	C	1 - 2 - b3 - 4 - 5 - 6 - b7	Min	Min 7	9	11	13
	E	F	G	A	B	C	D	C	1 - b2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	b9	11	b13
	F	G	A	B	C	D	E	C	1 - 2 - 3 - #4 - 5 - 6 - 7	Maj	Maj 7	9	#11	13
	G	A	B	C	D	E	F	C	1 - 2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	9	11	13
	A	B	C	D	E	F	G	C	1 - 2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	9	11	b13
	B	C	D	E	F	G	A	C	1 - b2 - b3 - 4 - b5 - b6 - b7	Dim	Dim 7	b9	11	b13

MELODIC MINOR

- 1 Melodic Minor
- 2 Dorian b2
- 3 Lydian Augmented
- 4 Lydian Dominant
- 5 Mixolydian b6
- 6 Aeolian b5
- 7 Super Locrian ("Altered Dominant")

	1	2	3	4	5	6	7	Equivalent MM Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	Eb	F	G	A	B	C	1 - 2 - b3 - 4 - 5 - 6 - 7	Min	Min/Maj 7	9	11	13
	C	Db	Eb	F	G	A	Bb	Bb	1 - b2 - b3 - 4 - 5 - 6 - b7	Min	Min 7	b9	11	13
	C	D	E	F#	Ab	A	B	A	1 - 2 - 3 - #4 - #5 - 6 - 7	Aug	Aug/Maj 7	9	11	13
	C	D	E	F#	G	A	Bb	G	1 - 2 - 3 - #4 - 5 - 6 - b7	Maj	Maj 7	9	#11	13
	C	D	E	F	G	Ab	Bb	F	1 - 2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	9	11	13
	C	D	Eb	F	F#	Ab	Bb	Eb	1 - 2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	9	11	b13
	C	Db	Eb	E	F#	Ab	Bb	Db	1 - b2 - b3 - b4 - b5 - b6 - b7	Min	Min 7	b9/#9	#11	b13

MELODIC MINOR

7 Inversions

- 1 Melodic Minor
- 2 Dorian b2
- 3 Lydian Augmented
- 4 Lydian Dominant
- 5 Mixolydian b6
- 6 Aeolian b5
- 7 Super Locrian

	1	2	3	4	5	6	7	Equivalent MM Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	Eb	F	G	A	B	C	1 - 2 - b3 - 4 - 5 - 6 - 7	Min	Min/Maj 7	9	11	13
	D	Eb	F	G	A	B	C	C	1 - b2 - b3 - 4 - 5 - 6 - b7	Min	Min 7	b9	11	13
	Eb	F	G	A	B	C	D	C	1 - 2 - 3 - #4 - #5 - 6 - 7	Aug	Aug/Maj 7	9	11	13
	F	G	A	B	C	D	Eb	C	1 - 2 - 3 - #4 - 5 - 6 - b7	Maj	Maj 7	9	#11	13
	G	A	B	C	D	Eb	F	C	1 - 2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	9	11	13
	A	B	C	D	Eb	F	G	C	1 - 2 - b3 - 4 - 5 - b6 - b7	Min	Min 7	9	11	b13
	B	C	D	Eb	F	G	A	C	1 - b2 - b3 - b4 - b5 - b6 - b7	Min	Min 7	b9/#9	#11	b13

HARMONIC MINOR

- 1 Harmonic Minor
- 2 Locrian #6
- 3 Ionian #5
- 4 Dorian #4
- 5 Mixolydian b2 b6 / Phry #3
- 6 Lydian #2
- 7 Super Locrian bb7

	1	2	3	4	5	6	7	Equivalent Harm. Minor Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	Eb	F	G	Ab	B	C	1 - 2 - b3 - 4 - 5 - b6 - 7	Min	Min/Maj 7	9	11	b13
	C	Db	Eb	F	G	A	Bb	Bb	1 - b2 - b3 - 4 - b5 - 6 - b7	Min	Min 7	b9	11	13
	C	D	E	F	Ab	A	B	A	1 - 2 - 3 - 4 - #5 - 6 - 7	Aug	Aug/Maj 7	9	11	13
	C	D	Eb	F#	G	A	Bb	G	1 - 2 - b3 - #4 - 5 - 6 - b7	Min	Dom 7	9	11	13
	C	Db	E	F	G	Ab	Bb	F	1 - b2 - 3 - 4 - 5 - b6 - b7	Maj	Dom 7	b9	11	b13
	C	Eb	E	F	G	A	B	E	1 - #2 - 3 - #4 - 5 - 6 - 7	Maj	Maj 7	#9	#11	13
	C	Db	Eb	E	F#	Ab	A	Db	1 - b2 - b3 - b4 - b5 - b6 - bb7	Dim	Dim 6	b9	b11	b13

HARMONIC MINOR

7 Inversions

- 1 Harmonic Minor
- 2 Locrian #6
- 3 Ionian #5
- 4 Dorian #4
- 5 Mixolydian b2 b6 / Phry #3
- 6 Lydian #2
- 7 Super Locrian bb7

	1	2	3	4	5	6	7	Equivalent Harm. Minor Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	Eb	F	G	Ab	B	C	1 - 2 - b3 - 4 - 5 - b6 - 7	Min	Min/Maj 7	9	11	b13
	D	Eb	F	G	Ab	B	C	C	1 - b2 - b3 - 4 - b5 - 6 - b7	Min	Min 7	b9	11	13
	Eb	F	G	Ab	B	C	D	C	1 - 2 - 3 - 4 - #5 - 6 - 7	Aug	Aug/Maj 7	9	11	13
	F	G	Ab	B	C	D	Eb	C	1 - 2 - b3 - #4 - 5 - 6 - b7	Min	Dom 7	9	11	13
	G	Ab	B	C	D	Eb	F	C	1 - b2 - 3 - 4 - 5 - b6 - b7	Maj	Dom 7	b9	11	b13
	Ab	B	C	D	Eb	F	G	C	1 - #2 - 3 - #4 - 5 - 6 - 7	Maj	Maj 7	#9	#11	13
	B	C	D	Eb	F	G	Ab	C	1 - b2 - b3 - b4 - b5 - b6 - bb7	Dim	Dim 6	b9	b11	b13

HARMONIC MAJOR

- 1 Harmonic Major
- 2 Dorian b5
- 3 Phrygian b4
- 4 Lydian b3
- 5 Mixolydian b2
- 6 Lydian Augmented #2
- 7 Locrian #7

	1	2	3	4	5	6	7	Equivalent Harm. Major Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	E	F	G	Ab	B	C	1 - 2 - 3 - 4 - 5 - b6 - 7	Maj	Maj 7	9	11	b13
	C	D	Eb	F	F#	A	Bb	Bb	1 - 2 - b3 - 4 - b5 - 6 - b7	Dim	Dim 7	9	11	13
	C	Db	Eb	E	G	Ab	Bb	Ab	1 - b2 - b3 - b4 - 5 - b6 - b7	Min	Min 7	b9	11	b13
	C	D	Eb	F#	G	A	B	G	1 - 2 - b3 - #4 - 5 - 6 - 7	Min	Min/Maj 7	9	#11	13
	C	Db	E	F	G	A	Bb	F	1 - b2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	b9	11	13
	C	Eb	E	F#	Ab	A	B	E	1 - #2 - 3 - #4 - #5 - 6 - 7	Maj	Maj 7	#9	#11	13
	C	Db	Eb	F	F#	Ab	B	Db	1 - b2 - b3 - 4 - b5 - b6 - 7	Dim	Dim 7	b9	11	#13

HARMONIC MAJOR

7 Inversions

- 1 Harmonic Major
- 2 Dorian b5

	1	2	3	4	5	6	7	Equivalent Harm. Major Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
	C	D	E	F	G	Ab	B	C	1 - 2 - 3 - 4 - 5 - b6 - 7	Maj	Maj 7	9	11	b13
	D	E	F	G	Ab	B	C	C	1 - 2 - b3 - 4 - b5 - 6 - b7	Dim	Dim 7	9	11	13

3 Phrygian b4	E	F	G	Ab	B	C	D	C	1 - b2 - b3 - b4 - 5 - b6 - b7	Min	Min 7	b9	11	b13
4 Lydian b3	F	G	Ab	B	C	D	E	C	1 - 2 - b3 - #4 - 5 - 6 - 7	Min	Min/Maj7	9	#11	13
5 Mixolydian b2	G	Ab	B	C	D	E	F	C	1 - b2 - 3 - 4 - 5 - 6 - b7	Maj	Dom 7	b9	11	13
6 Lydian Augmented #2	Ab	B	C	D	E	F	G	C	1 - #2 - 3 - #4 - #5 - 6 - 7	Maj	Maj 7	#9	#11	13
7 Locrian #7	B	C	D	E	F	G	Ab	C	1 - b2 - b3 - 4 - b5 - b6 - 7	Dim	Dim 7	b9	11	#13

DOUBLE HARMONIC (Byzantine, Gypsy Major, Arabic)

	1	2	3	4	5	6	7	Equivalent Double Harmonic Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
1 Double Harmonic Major	C	Db	E	F	G	Ab	B	C	1 - b2 - 3 - 4 - 5 - b6 - 7	Min	Min/Maj7	b9	11	b13
2 Lydian #2 #6	C	Eb	E	F#	G	Bb	B	B	1 - #2 - 3 - #4 - 5 - #6 - 7	Maj	Maj	#9	#11	13
3 Phrygian b4 bb7/ UltraPhrygian	C	Db	Eb	E	G	Ab	A	Ab	1 - b2 - b3 - b4 - 5 - b6 - bb7	Min	Min 6	b9	b11	b13
4 Harmonic Minor #4 (Gypsy Minor)	C	D	Eb	F#	G	Ab	B	G	1 - 2 - b3 - #4 - 5 - b6 - 7	Min	Maj 7	9	#11	b13
5 Mixolydian b2 b5 / Oriental	C	Db	E	F	F#	A	Bb	F	1 - b2 - 3 - 4 - b5 - 6 - b7	Maj	Dom 7	b9	11	13
6 Ionian Augmented #2	C	Eb	E	F	Ab	A	B	E	1 - #2 - 3 - 4 - #5 - 6 - 7	Maj	Maj 7	#9	11	13
7 Locrian bb3 bb7	C	Db	D	F	F#	Ab	A	Db	1 - b2 - bb3 - 4 - b5 - b6 - bb7	-	-	-	-	-

DOUBLE HARMONIC (Byzantine (Byzantine, Gypsy Major)

7 Inversions	1	2	3	4	5	6	7	Equivalent Double Harmonic Scale	Scale Degrees	TRIAD	7th Chord	Extensions		
1 Double Harmonic Major	C	Db	E	F	G	Ab	B	C	1 - b2 - 3 - 4 - 5 - b6 - 7	Min	Min/Maj7	b9	11	b13
2 Lydian #2 #6	Db	E	F	G	Ab	B	C	C	1 - #2 - 3 - #4 - 5 - #6 - 7	Maj	Maj	#9	#11	13
3 Phrygian b4 bb7/ UltraPhrygian	E	F	G	Ab	B	C	Db	C	1 - b2 - b3 - b4 - 5 - b6 - bb7	Min	Min 6	b9	b11	b13
4 Harmonic Minor #4 (Gypsy Minor)	F	G	Ab	B	C	Db	E	C	1 - 2 - b3 - #4 - 5 - b6 - 7	Min	Maj 7	9	#11	b13
5 Mixolydian b2 b5 / Oriental	G	Ab	B	C	Db	E	F	C	1 - b2 - 3 - 4 - b5 - 6 - b7	Maj	Dom 7	b9	11	13
6 Ionian Augmented #2	Ab	B	C	Db	E	F	G	C	1 - #2 - 3 - 4 - #5 - 6 - 7	Maj	Maj 7	#9	11	13
7 Locrian bb3 bb7	B	C	Db	E	F	G	Ab	C	1 - b2 - bb3 - 4 - b5 - b6 - bb7	-	-	-	-	-

DIMINISHED

	1	2	3	4	5	6	7	8	Scale Degrees	TRIAD	7th Chord	Extensions		
1 Half Step / Whole Step	C	Db	Eb	E	F#	G	A	Bb	1 - b2 - #2 - 3 - #4 - 5 - 6 - b7	Maj	Dom 7	b9/#9	#11	13
2 Whole Step / Half Step	C	D	Eb	F	F#	Ab	A	B	1 - 2 - b3 - 4 - b5 - b6 - 6 - 7	Dim	Dim 7	9	11	b13

WHOLE TONE

	1	2	3	4	5	6	Scale Degrees	TRIAD	7th Chord	Extensions		
1 Whole Tone	C	D	E	F#	Ab	Bb	1 - 2 - 3 - #4 - #5 - b7	Aug	Aug 7	9	#11	

PENTATONIC

	1	2	3	4	5	Equivalent Major Pentatonic	Equivalent Minor Pentatonic	Scale Degrees	TRIAD	Chord
1 Minor (Min7)	C	Eb	F	G	Bb	Eb	C	1 - b3 - 4 - 5 - b7	Min	Min 7
2 Major (Maj 6)	C	D	E	G	A	C	A	1 - 2 - 3 - 5 - 6	Maj	Maj 6
3 Sus b7 (Egyptian)	C	D	F	G	Bb	Bb	G	1-2-4-5-b7	-	-
4 Blues Minor (Min b6)	C	Eb	F	Ab	Bb	Ab	F	1 - b3- 4 - b6-b7	Min	Aug 7
5 Sus 6 (Japanese)	C	D	F	G	A	F	D	1 - 2 - 4 - 5 - 6	-	-

PENTATONIC (5 Inversions)

	1	2	3	4	5	Equivalent Major Pentatonic	Equivalent Minor Pentatonic	Scale Degrees	TRIAD	Chord
1 Minor (Min7)	C	Eb	F	G	Bb	Eb	C	1 - b3 - 4 - 5 - b7	Min	Min 7
2 Major (Maj 6)	Eb	F	G	Bb	C	Eb	C	1 - 2 - 3 - 5 - 6	Maj	Maj 6
3 Sus b7 (Egyptian)	F	G	Bb	C	Eb	Eb	C	1-2-4-5-b7	Sus	Sus b7
4 Blues Minor (Min b6)	G	Bb	C	Eb	F	Eb	C	1 - b3- 4 - b6-b7	Min	Min 7
5 Sus 6 (Japanese)	Bb	C	Eb	F	G	Eb	C	1 - 2 - 4 - 5 - 6	Sus	Sus 6

MELODIC MINOR PENTATONIC

	1	2	3	4	5	Equivalent Major Pentatonic	Equivalent Minor Pentatonic	Scale Degrees	TRIAD	Chord
1 Melodic Minor (Min 6)	C	D	Eb	G	A	Eb	C	1 - 2 - b3 - 5 - 6	Min	Min 6
2 Phrygian Dom (Dom7 b9)	C	Db	F	G	Bb	Db	Bb	1 - b2 - 4 - 5 - b7	Sus	Sus 7
3 Lydian (Maj 6)	C	E	F#	A	B	C	A	1 - 3 - #4 - 6 - 7	Maj	Maj 7
4 Sus b6 ("Maj b6)	C	D	F	G	Ab	Ab	F	1 - 2 - 4 - 5 - b6	Sus	Sus b6
5 Locrian (Min7b5)	C	Eb	F	F#	Bb	F#	Eb	1 -b3 - 4 -b5 -b7	Dim	Dim 7

MELODIC MINOR PENTATONIC

(5 Inversions)	1	2	3	4	5	Equivalent Major Pentatonic	Equivalent Minor Pentatonic	Scale Degrees	TRIAD	Chord
1 Melodic Minor (Min 6)	C	D	Eb	G	A	Eb	C	1 - 2 - b3 - 5 - 6	Min	Min 6
2 Phrygian Dom (Dom7 b9)	D	Eb	G	A	C	Eb	C	1 - b2 - 4 - 5 - b7	Sus	Sus 7
3 Lydian (Maj 6)	Eb	G	A	C	D	Eb	C	1 - 3 - #4 - 6 - 7	Maj	Maj 7
4 Sus b6 ("Maj b6)	G	A	C	D	Eb	Eb	C	1 - 2 - 4 - 5 - b6	Sus	Sus b6
5 Locrian (Min7b5)	A	C	D	Eb	G	Eb	C	1 -b3 - 4 -b5 -b7	Dim	Dim 7