

*

R R 3 5 R major

e	x	.	.	.	.		R	.	.	.	.		5	.	.	.		x	.	.	.	.
B	x	.	.	.	.			5	.	.	.		|	.	3	.			.	.	.	R
G		R	.	.	.		.	3	.	.	.		|	.	R	.			.	.	.	5
D		5	.	.	.		.	.	R	.	.		|	.	5	.			R	.	.	.
A		.	.	3	.		.	.	5	.	.		R	.	.	.		x	R	.	.	.
E		.	.	.	R		x	R	.	.	.		x	.	.	.			.	.	.	3

R/3 R 3 5 R major over 3rd

e	x	.	.	.	.
B	x	.	.	.	.
G		.	.	5	.
D		R	.	.	.
A	x	.	.	.	.
E		.	.	3	.

R6 R 3 5 6 R major sixth

e	x	.	.	.	.		R	.	.	.	.		x	.	.	.	.		x	.	.	.
B		.	5	.	.		.	.	6	.	.			.	6	.	.			.	.	.
G		.	.	3	.		.	3	.	.	.			3	.	.	.			.	.	.
D		6	.	.	.		x	.	.	5	.			R	.	.	.			.	.	.
A	x	.	.	.	.		.	.	5	.	.			.	5	.	.			.	.	.
E		.	R	.	.		x	R	.	.	.			.	.	.	.			.	.	.

R6/9 R 3 5 6 9 R major sixth/ninth

e		.	.	9	.		.	.	.	.	.		.	5	.	.	.		.	9	.	.
B		.	.	6	.		.	5	.	.	.		.	9	.	.	.		.	6	.	.
G		.	3	.	.		.	9	.	.	.		6	.	.	.	.		.	3	.	.
D		.	.	R	.		x	6	.	.	.		3	.	.	.	.		.	R	.	.
A		.	.	5	.		.	.	.	.	.		R	.	.	.	.		x	.	.	.
E		R	.	.	.		x	R	.	.	.		5	.	.	.	.		x	.	.	.

*

R7 | R 3 5 b7 R dominant seventh

e	x	.	.	.	.		x	.	.	.	.		x	R	.	.	.	.		x	.	.	.	.		x	5	.	.	.	.
B		5	.	.	.		x	.	.	.	.			|	3	.	.	b7			R	.	.	.			|	.	3	.	.	
G		.	3	.	.			.	.	3	.			|	b7	.	.	.			.	.	b7	.	.			|	.	.	.	.
D		b7	.	.	.			.	b7	.	.			|	b7	.	.	.			.	.	3	.	.			|	.	5	.	.
A	x	.	.	.	.			3	.	.	.			|	.	5	.	.			.	.	.	R	.			|	.	.	.	.
E		R	.	.	.			.	R	.	.			|	.	.	.	.			x	.	.	.	.			|	.	.	.	.

e	x	.	.	.	.																							
B	x	.	.	.	.																							
G		.	b7	.	.																											
D		.	3	.	.																											
A	x	.	.	.	.																							
E		.	5	.	.																											

R7b9 | R 3 5 b7 b9 R dominant 7 flat 9

e		.	.	.	.																							
B		b9	.	.	.																											
G		.	b7	.	.																											
D		.	3	.	.																											
A		.	R	.	.																											
E	x	.	5	.	.																											

R9 | R 3 5 b7 9 R dominant 9th

e		.	5	.	.								x	.	.	.	.										
B		.	9	.	.					9	.	b7		.	5	.	.														
G		.	b7	.	.					.	3	.		.	.	.	.								
D		.	3	.	.					.	.	R	.	.	.	.	.									
A		.	R	.	.					.	.	.	.	.	.	.	.
E	x	.	5	.	.					.	R	.	.	.	.	.	.								

R13 | R 3 5 b7 9 11 13 dominant 13th

e	x	.	.	.	.																						
B		.	.	13	.					.	.	13	.		.	.	.									
G		.	3	.	.					.	b7	.	.	.	.	.	.								
D		b7	.	.	.					.	.	.	.	.	.	.	.
A	x	.	.	.	.					.	.	.	.	.	.	.	.
E		R	.	.	.					.	.	.	.	.	.	.	.

R13b9 | R 3 4 b7 b9 11 13 R dominant thirteenth flat nine

e	x	.	.	.	.																						
B		.	.	13	.																										
G		.	3	.	.																										
D		b7	.	.	.																										
A	x	.	.	.	.																						
E		R	b9	.	.																										

* **Rm7b5** R b3 b5 b7 R half diminished

e	x	.	.	.	.				x	.	.	.	.
B		b5	.	.	.					b3	.	.	.
G		.	b3	.	.					b7	.	.	.
D		.	.	b7	.					.	b5	.	.
A	x	.	.	.	.				R	.	.	.	.
E		.	.	.	.				x	.	.	.	.

Rdim7 R b3 b5 bb7 R diminished seventh

e	x	.	.	.	.				x	.	.	.	.
B	x	b5	.	.	.				x	bb7	.	.	.
G		|	b3	.	.				x	b3	.	.	.
D		bb7	.	.	.				x	|	b5	.	.
A		.	.	.	.				x	.	R	.	.
E	x	.	.	.	.				x	.	.	bb7	.

Chord	Formula	Symbol
Major	R 3 5	[none], M, maj
Minor	R b3 5	min, m, -
Diminished	R b3 b5	dim, o
Augmented	R 3 #5	Aug, +
Major 6	R 3 5 6	6, Maj 6
Minor 6	R b3 5 6	m6, min 6, -6
Suspended 4	R 4 5	sus 4
Suspended 2	R 2 5	sus 2, 2
Major 7	R 3 5 7	M7, Maj7, Δ7
Dominant 7	R 3 5 b7	7
Minor 7	R b3 5 b7	m7, min7, -7
Minor 7 flat 5 / Half diminished	R b3 b5 b7	m7b5, ø
Diminished 7	R b3 b5 bb7	dim 7, o7
Minor major 7 / Minor natural 7	R b3 5 7	min maj 7, m ⁿ 7, - ⁿ 7
Major 6 9	R 3 5 6 9	69, Maj6 add 9, 6 add 9
Major add 9	R 3 5 9	Add9, Maj add9
Dominant 9	R 3 5 b7 9	9
Minor 9	R b3 5 b7 9	m9, min9, -9
Dominant 11	R 3 5 b7 9 11 (usually omit 3)	11
Minor 11	R b3 5 b7 9 11	m11, min 11, -11
Dominant 13	R 3 5 b7 9 11 13 (usually omit 11)	13

Scales

Natural Minor		1 2 b3 4 5 b6 b7 1
Harmonic Minor		1 2 b3 4 5 b6 7 1
Melodic Minor		1 2 b3 4 5 6 7 1
Major		1 2 3 4 5 6 7 1

Chords in natural minor key

	i	iidim	III	iv	v	VI	VII
Triads	min	dim	maj	min	min	maj	maj
Extend	min7	m7b5	maj7	min7	min7	maj7	dom7

Chords in harmonic minor key

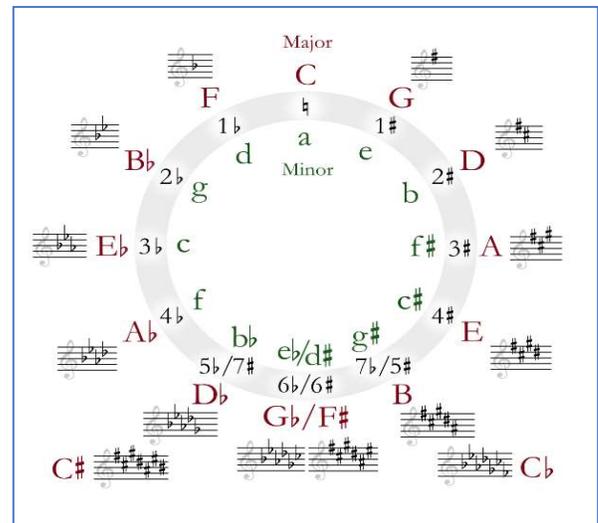
	i	iidim	III	iv	V	VI	VII
Triads	min	dim	aug	min	maj	maj	dim
Extend	min/maj7	m7b5	maj7#5	min7	dom7	maj7	dim7

Chords in melodic minor key

	i	ii	III	IV	V	vi	vii
Triads	min	min	aug	maj	maj	dim	dim
Extend	min/maj7	min7	maj7#5	dom7	dom7	m7b5	m7b5

Chords in major key

	I	ii	iii	IV	V	vi	vii
Triads	maj	min	min	maj	maj	min	dim
Extend	maj7	min7	min7	maj7	dom7	min7	m7b5



CHORDS	Major = 1 3 5
(Triads: 1, 3 & 5)	Minor = 1 b3 5
	Diminished = 1 b3 b5
	Augmented = 1 3 #5
7th CHORDS	Major = 1 3 5 7
(1, 3, 5 & 7)	Dominant = 1 3 5 b7
	Minor = 1 b3 5 b7
	Diminished = 1 b3 b5 bb7 (6th)
	Dom. 7th #5 = 1 3 #5 b7
	Minor/Major 7th = 1 b3 5 7
	Half-diminished = 1 b3 b5 b7

5	b6	6	b7	7	1	b2	2	b3	3	4	b5	5
2	b3	3	4	b5	5	b6	6	b7	7	1	b2	2
b7	7	1	b2	2	b3	3	4	b5	5	b6	6	b7
4	b5	5	b6	6	b7	7	1	b2	2	b3	3	4
1	b2	2	b3	3	4	b5	5	b6	6	b7	7	1
5	b6	6	b7	7	1	b2	2	b3	3	4	b5	5

Root = A

Intervals

1	b2	Minor second
2	2	Major second
3	b3	Minor third
4	3	Major third
5	4	Perfect fourth
6	b5	Tritone
7	5	Perfect fifth
8	b6	Minor sixth
9	6	Major sixth
10	b7	Minor seventh
11	7	Major seventh
12	8	Perfect octave

Chords sometimes played instead of written chords

When it's	written	play
	R	R6
	R6	R6/9
	R-	R-6
	R-	R-7
	R7	R9

Compound intervals

- 9 = Octave + 2
- 11 = Octave + 4
- 13 = Octave + 6