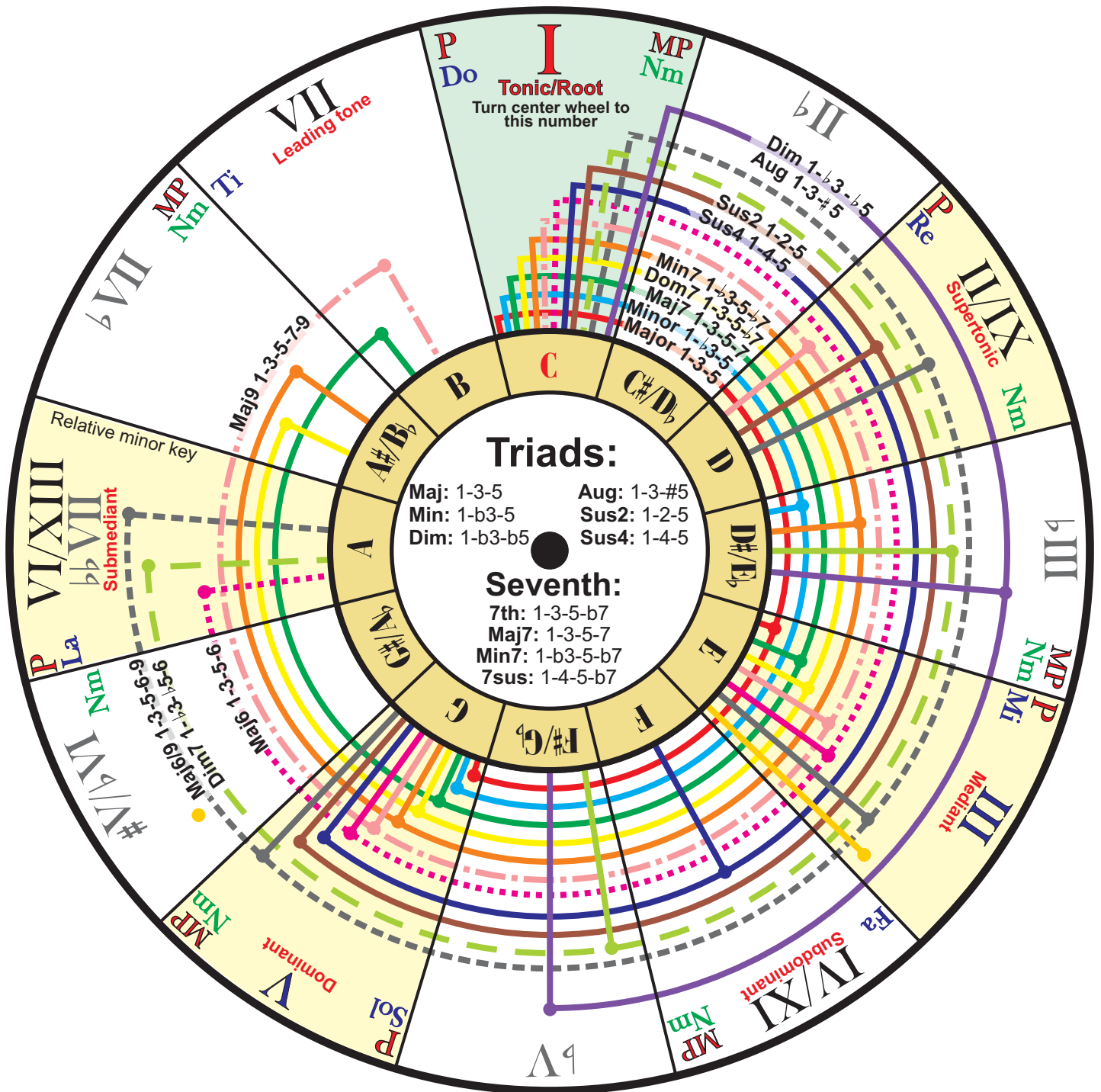


Chord construction wheel

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not for sale or use in any commercial product or package.



Chord Formulas

() = OPTIONAL/UNPLAYED NOTE

STEPS:

Major scale: W W H W W W H
 Relative/natural minor scale: W H W W H W W
 W = whole step (2 frets) H = half step (1 fret)

MAJOR

Major	1-3-5
Added 4th	1-3-4-5
Added 9th	1-3-5-9
6th	1-3-5-6
6 add 9	1-3-5-6-9
9th	1-3-5-b7-9
Major 7th	1-3-5-7
Major 9th	1-3-5-7-9
Major 11th	1-3-5-7- (9)-11
Major 13th	1-3-5-7-(9)-(11)-13
Major 7 #11th	1-3-5-7- #11

DOMINANT

7th	1-3-5-b7
9th	1-3-5-b7-9
11th	1-(3)-5-b7-(9)-11
13th	1-3-5-b7-(9)-(11)-13
maj 7#5	1-3-#5-b7
maj 7b5	1-3-b5-7
7b5	1-3-b5-b7
7b9	1-3-5-b7-b9
7#9	1-3-5-b7-#9
9#5	1-3-#5-b7-9
9b5	1-3-b5-b7-9
7#5#9	1-3-#5-b7-#9
7#5b9	1-3-#5-b7-b9
7b5#9	1-3-b5-b7-#9
7b5b9	1-3-b5-b7-b9

MINOR

Minor	1-b3-5
Minor added 4th	1-b3-4-5
Minor 6th	1-b3-5-6
Minor 7th	1-b3-5-b7
Minor added 9th	1-b3-5-9
Minor 6 add 9	1-b3-5-6-9
Minor 9th	1-b3-5-b7-9
Minor 11th	1-b3-5-b7-(9)-11
Minor 13th	1-b3-5-b7-(9)-(11)-13
Minor/Major 7th	1-b3-5-7
Minor/Major 9th	1-b3-5-7-9
Minor/Major 11th	1-b3-5-7-(9)-11
Minor/Major 13th	1-b3-5-7-(9)-(11)-13
Minor 7th flat 5th	1-b3-b5-b7

MISC

Dim	1-b3-b5
Dim 7th	1-b3-b5-bb7
Aug	1-3-#5
5th ("power")	1-5
Flat 5th	1-b5
Suspended 4th	1-4-5
Suspended 2nd	1-2(9)-5
Sharp 11	1-5-#11
bb= two flats (i.e. bb7 = sixth)	

NINTH
 9th 1-3-5-b7-9
 9sus 1-4-5-b7-9

Chords of major scale:

I ii iii IV V vi vii°

Chords of natural minor scale:

I ii° III iv v VI VII

Chords of harmonic minor scale:

I ii° III+ iv V VI ♭vii°

Chords of melodic minor scale:

I ii III+ IV V ♭vi° ♭vii°

Major: I, II, II etc. Minor: i, ii, iii, etc. Diminished: ° Augmented: +

P = pentatonic: 1-2-3-5-6-8 MP = minor pentatonic: 1-♭3-4-5-♭7-8

Do, re, me, etc.: solfege: 1-2-3-4-5-6-7-8 Rm = Rel minor: 1-2-♭3-4-5-♭6-♭7-8

Harmonic minor: 1-2-♭3-4-5-♭6-7-8

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Instructions:

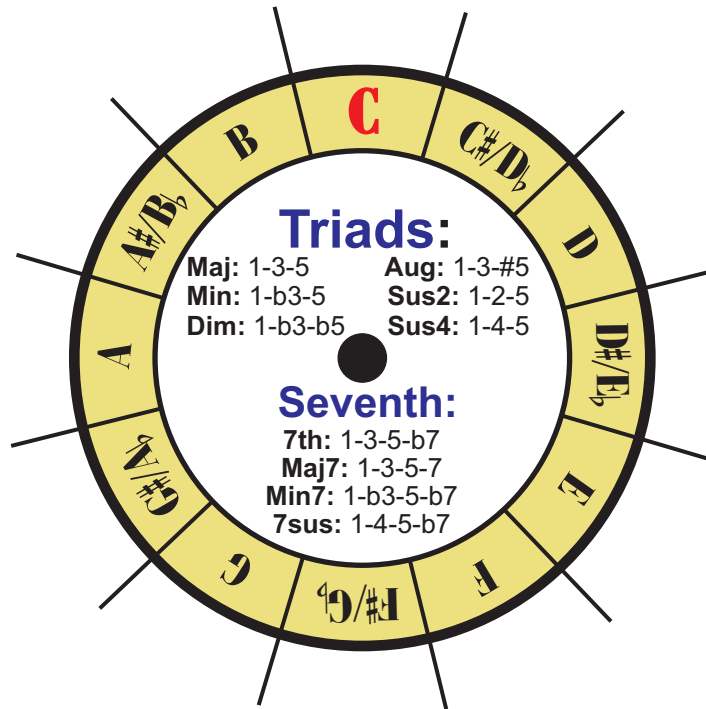
Print these pages on 28lb paper or index stock.

Print page 2 on the back of page 1 so they are centred.

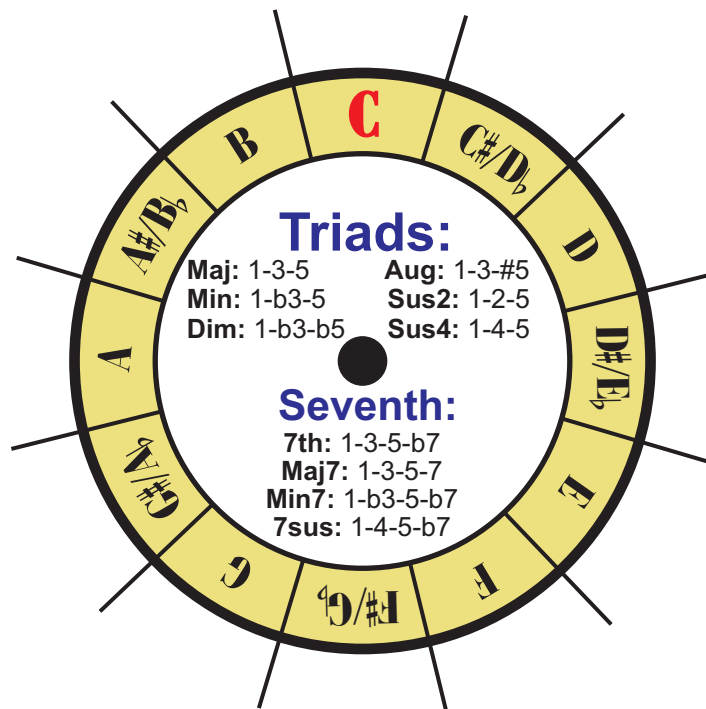
Laminate all pages for greater durability.

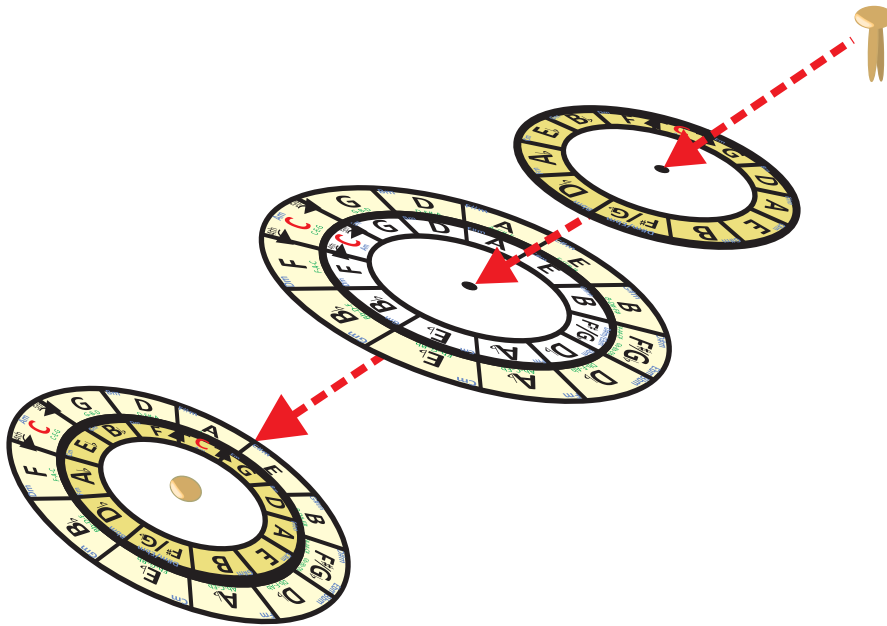
Cut out the larger wheel from one page (the one with the table on the reverse, if you printed it). Cut out the smaller wheel from page 3.

Punch a hole in the centre of both wheels, put the smaller wheel on top of the larger one, insert a round head paper fastener and use!



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Instructions:

Print these pages on card stock or heavy paper (28lb). For better durability, laminate all pages before cutting.

Cut out the larger (outside) wheel from the image on page 1 or any of the complete wheels on the first three pages. If you wish the formulae included on the back, print pages one and two back to back on one sheet.

Cut a smaller (inner) wheel from those on page 3.

Trim the cut wheels.

Punch a hole in the centre of each, insert a round head paper fastener and use!

Align the desired key on the inner wheel with the "I" or tonic (root) on the outer wheel. Follow the coloured lines to find the note (indicated by a dot) for any identified chord (i.e. C major - red line - is 1-3-5 or C-E-G). The first note will always be the root note. The outside wheel also contains various elements of musical theory.