All 21 Modes FORMULA CHART

Every mode below is compared with the major scale (1 2 3 4 5 6 7). Shaded boxes are the notes that are different from major, the notes that give each mode its sound. Learn the shaded notes and you know the mode.

Mode	1	2	3	4	5	6	7	Chord
MODES OF THE MAJOR SCALE								
1. Ionian (Major)	1	2	3	4	5	6	7	maj7
2. Dorian	1	2	♭3	4	5	6	♭7	m7
3. Phrygian	1	♭2	♭3	4	5	♭6	♭7	m7
4. Lydian	1	2	3	♯4	5	6	7	maj7
5. Mixolydian	1	2	3	4	5	6	♭7	7
6. Aeolian (Natural Minor)	1	2	♭3	4	5	♭6	♭7	m7
7. Locrian	1	♭2	♭3	4	♭5	♭6	♭7	m7♭5
MODES OF THE HARMONIC MINOR SCALE								
1. Harmonic Minor	1	2	♭3	4	5	♭6	7	m(maj7)
2. Locrian ♮6	1	♭2	♭3	4	♭5	6	♭7	m7♭5
3. Ionian ♯5 (Augmented Major)	1	2	3	4	♯5	6	7	maj7♯5
4. Dorian ♯4 (Ukrainian Dorian)	1	2	♭3	♯4	5	6	♭7	m7
5. Phrygian Dominant (Spanish Phrygian)	1	♭2	3	4	5	♭6	♭7	7
6. Lydian ♯2 (Lydian ♯9)	1	♯2	3	♯4	5	6	7	maj7
7. Super Locrian 𝄫7 (Ultralocrian)	1	♭2	♭3	♭4	♭5	♭6	𝄫7	°7
MODES OF THE MELODIC MINOR SCALE								
1. Melodic Minor (Jazz Minor)	1	2	♭3	4	5	6	7	m(maj7)
2. Dorian ♭2 (Phrygian ♮6)	1	♭2	♭3	4	5	6	♭7	m7
3. Lydian Augmented (Lydian ♯5)	1	2	3	♯4	♯5	6	7	maj7♯5
4. Lydian Dominant (Overtone / Mixolydian ♯4)	1	2	3	♯4	5	6	♭7	7
5. Mixolydian ♭6 (Aeolian Dominant)	1	2	3	4	5	♭6	♭7	7
6. Locrian ♮2 (Half-Diminished)	1	2	♭3	4	♭5	♭6	♭7	m7♭5
7. Super Locrian (Altered)	1	♭2	♭3	♭4	♭5	♭6	♭7	m7♭5

How to use it: to play any mode on any root, write the major scale of that root, then change the shaded notes. Example: D Phrygian Dominant = D major (D E F♯ G A B C♯) with ♭2, ♭6 and ♭7 → D E♭ F♯ G A B♭ C.