

# SCALES AND MODES - KEY OF C

▲ = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of C. Each staff begins with a treble clef and a common time signature (C). The notes are written as half notes, and the intervals between them are indicated by upward-pointing triangles (▲) above the notes. The modes are labeled on the left side of each staff.

Mode	Notes
I - Major (Ionian)	C, D, E, F, G, A, B, C
II - Dorian	D, E, F, G, A, B, C, D
III - Phrygian	E, F, G, A, B, C, D, E
IV - Lydian	F, G, A, B, C, D, E, F
V - Mixolydian	G, A, B, C, D, E, F, G
VI - Minor (Aeolian)	A, B, C, D, E, F, G, A
VII - Locrian	B, C, D, E, F, G, A, B

# SCALES AND MODES - KEY OF F

▲ = 1/2 Step

I - Major (Ionian)    F    G    A    B<sup>b</sup>    C    D    E    F

II - Dorian    G    A    B<sup>b</sup>    C    D    E    F    G

III - Phrygian    A    B<sup>b</sup>    C    D    E    F    G    A

IV - Lydian    B<sup>b</sup>    C    D    E    F    G    A    B<sup>b</sup>

V - Mixolydian    C    D    E    F    G    A    B<sup>b</sup>    C

VI - Minor (Aeolian)    D    E    F    G    A    B<sup>b</sup>    C    D

VII - Locrian    E    F    G    A    B<sup>b</sup>    C    D    E

# SCALES AND MODES - KEY OF B $\flat$

$\blacktriangle$  = 1/2 Step

The image displays seven musical staves, each representing a mode in the key of B $\flat$ . The modes are labeled on the left: I - Major (Ionian), II - Dorian, III - Phrygian, IV - Lydian, V - Mixolydian, VI - Minor (Aeolian), and VII - Locrian. Above each staff, the notes of the mode are written in a sequence from left to right. A triangle symbol ( $\blacktriangle$ ) is placed above a note to indicate a half-step interval between it and the previous note. The notes are as follows:

- I - Major (Ionian):** B $\flat$ , C, D, E $\flat$ , F, G, A, B $\flat$ . Half-step between D and E $\flat$ , and between A and B $\flat$ .
- II - Dorian:** C, D, E $\flat$ , F, G, A, B $\flat$ , C. Half-step between A and B $\flat$ .
- III - Phrygian:** D, E $\flat$ , F, G, A, B $\flat$ , C, D. Half-step between D and E $\flat$ , and between A and B $\flat$ .
- IV - Lydian:** E $\flat$ , F, G, A, B $\flat$ , C, D, E $\flat$ . Half-step between A and B $\flat$ .
- V - Mixolydian:** F, G, A, B $\flat$ , C, D, E $\flat$ , F. Half-step between A and B $\flat$ , and between D and E $\flat$ .
- VI - Minor (Aeolian):** G, A, B $\flat$ , C, D, E $\flat$ , F, G. Half-step between A and B $\flat$ , and between D and E $\flat$ .
- VII - Locrian:** A, B $\flat$ , C, D, E $\flat$ , F, G, A. Half-step between A and B $\flat$ , and between D and E $\flat$ .

# SCALES AND MODES - KEY OF E<sub>b</sub>

Λ = 1/2 Step

The image displays seven musical staves, each representing a different scale or mode in the key of E<sub>b</sub>. Each staff begins with a treble clef and a key signature of two flats (B<sub>b</sub> and E<sub>b</sub>). The notes are written as whole notes, and the intervals between them are indicated by a lambda symbol (Λ) above the notes. The scales are as follows:

- I - Major (Ionian):** E<sub>b</sub>, F, G, A<sub>b</sub>, B<sub>b</sub>, C, D, E<sub>b</sub>. Intervals: Λ between G and A<sub>b</sub>, and between D and E<sub>b</sub>.
- II - Dorian:** F, G, A<sub>b</sub>, B<sub>b</sub>, C, D, E<sub>b</sub>, F. Intervals: Λ between G and A<sub>b</sub>, and between D and E<sub>b</sub>.
- III - Phrygian:** G, A<sub>b</sub>, B<sub>b</sub>, C, D, E<sub>b</sub>, F, G. Intervals: Λ between G and A<sub>b</sub>, and between D and E<sub>b</sub>.
- IV - Lydian:** A<sub>b</sub>, B<sub>b</sub>, C, D, E<sub>b</sub>, F, G, A<sub>b</sub>. Intervals: Λ between D and E<sub>b</sub>, and between G and A<sub>b</sub>.
- V - Mixolydian:** B<sub>b</sub>, C, D, E<sub>b</sub>, F, G, A<sub>b</sub>, B<sub>b</sub>. Intervals: Λ between D and E<sub>b</sub>, and between G and A<sub>b</sub>.
- VI - Minor (Aeolian):** C, D, E<sub>b</sub>, F, G, A<sub>b</sub>, B<sub>b</sub>, C. Intervals: Λ between D and E<sub>b</sub>, and between G and A<sub>b</sub>.
- VII - Locrian:** D, E<sub>b</sub>, F, G, A<sub>b</sub>, B<sub>b</sub>, C, D. Intervals: Λ between D and E<sub>b</sub>, and between G and A<sub>b</sub>.

# SCALES AND MODES - KEY OF A<sup>b</sup>

▲ = 1/2 Step

The image displays seven musical staves, each representing a mode in the key of A<sup>b</sup>. Each staff begins with a treble clef and a key signature of three flats (B<sup>b</sup>, E<sup>b</sup>, A<sup>b</sup>). The notes for each mode are as follows:

- I - Major (Ionian):** A<sup>b</sup>, B<sup>b</sup>, C, D<sup>b</sup>, E<sup>b</sup>, F, G, A<sup>b</sup>. Interval sequence: A<sup>b</sup> to B<sup>b</sup> (▲), B<sup>b</sup> to C (○), C to D<sup>b</sup> (○), D<sup>b</sup> to E<sup>b</sup> (▲), E<sup>b</sup> to F (○), F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to A<sup>b</sup> (○).
- II - Dorian:** B<sup>b</sup>, C, D<sup>b</sup>, E<sup>b</sup>, F, G, A<sup>b</sup>, B<sup>b</sup>. Interval sequence: B<sup>b</sup> to C (○), C to D<sup>b</sup> (▲), D<sup>b</sup> to E<sup>b</sup> (○), E<sup>b</sup> to F (○), F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to B<sup>b</sup> (○).
- III - Phrygian:** C, D<sup>b</sup>, E<sup>b</sup>, F, G, A<sup>b</sup>, B<sup>b</sup>, C. Interval sequence: C to D<sup>b</sup> (▲), D<sup>b</sup> to E<sup>b</sup> (○), E<sup>b</sup> to F (○), F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to C (○), C to C (○).
- IV - Lydian:** D<sup>b</sup>, E<sup>b</sup>, F, G, A<sup>b</sup>, B<sup>b</sup>, C, D<sup>b</sup>. Interval sequence: D<sup>b</sup> to E<sup>b</sup> (○), E<sup>b</sup> to F (○), F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to C (○), C to D<sup>b</sup> (▲), D<sup>b</sup> to D<sup>b</sup> (○).
- V - Mixolydian:** E<sup>b</sup>, F, G, A<sup>b</sup>, B<sup>b</sup>, C, D<sup>b</sup>, E<sup>b</sup>. Interval sequence: E<sup>b</sup> to F (○), F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to C (○), C to D<sup>b</sup> (▲), D<sup>b</sup> to E<sup>b</sup> (○), E<sup>b</sup> to E<sup>b</sup> (○).
- VI - Minor (Aeolian):** F, G, A<sup>b</sup>, B<sup>b</sup>, C, D<sup>b</sup>, E<sup>b</sup>, F. Interval sequence: F to G (○), G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to C (○), C to D<sup>b</sup> (○), D<sup>b</sup> to E<sup>b</sup> (▲), E<sup>b</sup> to F (○), F to F (○).
- VII - Locrian:** G, A<sup>b</sup>, B<sup>b</sup>, C, D<sup>b</sup>, E<sup>b</sup>, F, G. Interval sequence: G to A<sup>b</sup> (▲), A<sup>b</sup> to B<sup>b</sup> (○), B<sup>b</sup> to C (○), C to D<sup>b</sup> (▲), D<sup>b</sup> to E<sup>b</sup> (○), E<sup>b</sup> to F (○), F to G (○), G to G (○).

# SCALES AND MODES - KEY OF D $\flat$

$\blacktriangle$  = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of D $\flat$ . Each staff begins with a treble clef and a key signature of two flats (B $\flat$  and E $\flat$ ). The notes and intervals for each mode are as follows:

- I - Major (Ionian):** D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C, D $\flat$ . Interval between C and D $\flat$  is marked with a triangle.
- II - Dorian:** E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C, D $\flat$ , E $\flat$ . Interval between C and D $\flat$  is marked with a triangle.
- III - Phrygian:** F, G $\flat$ , A $\flat$ , B $\flat$ , C, D $\flat$ , E $\flat$ , F. Interval between C and D $\flat$  is marked with a triangle.
- IV - Lydian:** G $\flat$ , A $\flat$ , B $\flat$ , C, D $\flat$ , E $\flat$ , F, G $\flat$ . Interval between F and G $\flat$  is marked with a triangle.
- V - Mixolydian:** A $\flat$ , B $\flat$ , C, D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ . Interval between F and G $\flat$  is marked with a triangle.
- VI - Minor (Aeolian):** B $\flat$ , C, D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ . Interval between C and D $\flat$  is marked with a triangle.
- VII - Locrian:** C, D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C. Interval between C and D $\flat$  is marked with a triangle.

# SCALES AND MODES - KEY OF G $\flat$

$\blacktriangle$  = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of G $\flat$ . Each staff begins with a treble clef and a key signature of two flats (B $\flat$  and E $\flat$ ). The notes for each mode are as follows:

- I - Major (Ionian):** G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F, G $\flat$ . A half-step symbol is placed above the C $\flat$  and F notes.
- II - Dorian:** A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ . A half-step symbol is placed above the B $\flat$  and G $\flat$  notes.
- III - Phrygian:** B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ . A half-step symbol is placed above the B $\flat$  and G $\flat$  notes.
- IV - Lydian:** C $\flat$ , D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ . A half-step symbol is placed above the F and C $\flat$  notes.
- V - Mixolydian:** D $\flat$ , E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ . A half-step symbol is placed above the F and B $\flat$  notes.
- VI - Minor (Aeolian):** E $\flat$ , F, G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ . A half-step symbol is placed above the F and G $\flat$  notes.
- VII - Locrian:** F, G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F. A half-step symbol is placed above the F and D $\flat$  notes.

# SCALES AND MODES - KEY OF C $\flat$

$\blacktriangle$  = 1/2 Step

The image displays seven musical staves, each representing a mode in the key of C $\flat$ . The modes are labeled on the left: I - Major (Ionian), II - Dorian, III - Phrygian, IV - Lydian, V - Mixolydian, VI - Minor (Aeolian), and VII - Locrian. Above each staff, the notes of the mode are written as whole notes with their respective accidentals. A triangle symbol ( $\blacktriangle$ ) is placed above a note in each staff to indicate a half-step interval between it and the following note. The notes for each mode are: I - Major (Ionian): C $\flat$ , D $\flat$ , E $\flat$ , F $\flat$ , G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ ; II - Dorian: D $\flat$ , E $\flat$ , F $\flat$ , G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ ; III - Phrygian: E $\flat$ , F $\flat$ , G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ ; IV - Lydian: F $\flat$ , G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F $\flat$ ; V - Mixolydian: G $\flat$ , A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F $\flat$ , G $\flat$ ; VI - Minor (Aeolian): A $\flat$ , B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F $\flat$ , G $\flat$ , A $\flat$ ; VII - Locrian: B $\flat$ , C $\flat$ , D $\flat$ , E $\flat$ , F $\flat$ , G $\flat$ , A $\flat$ , B $\flat$ .



# SCALES AND MODES - KEY OF G

Λ = 1/2 Step

I - Major (Ionian)    G    A    B    C    D    E    F#    G

II - Dorian        A    B    C    D    E    F#    G    A

III - Phrygian    B    C    D    E    F#    G    A    B

IV - Lydian        C    D    E    F#    G    A    B    C

V - Mixolydian    D    E    F#    G    A    B    C    D

VI - Minor (Aeolian)    E    F#    G    A    B    C    D    E

VII - Locrian     F#    G    A    B    C    D    E    F#

# SCALES AND MODES - KEY OF D

▲ = 1/2 Step

I - Major (Ionian)    D    E    F#    G    A    B    C#    D

II - Dorian    E    F#    G    A    B    C#    D    E

III - Phrygian    F#    G    A    B    C#    D    E    F#

IV - Lydian    G    A    B    C#    D    E    F#    G

V - Mixolydian    A    B    C#    D    E    F#    G    A

VI - Minor (Aeolian)    B    C#    D    E    F#    G    A    B

VII - Locrian    C#    D    E    F#    G    A    B    C#

# SCALES AND MODES - KEY OF A

Λ = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of A. Each staff begins with a treble clef and a key signature of three sharps (F#, C#, G#). The notes and accidentals for each mode are as follows:

- I - Major (Ionian):** A, B, C#, D, E, F#, G#, A
- II - Dorian:** B, C#, D, E, F#, G#, A, B
- III - Phrygian:** C#, D, E, F#, G#, A, B, C#
- IV - Lydian:** D, E, F#, G#, A, B, C#, D
- V - Mixolydian:** E, F#, G#, A, B, C#, D, E
- VI - Minor (Aeolian):** F#, G#, A, B, C#, D, E, F#
- VII - Locrian:** G#, A, B, C#, D, E, F#, G#

Half steps (Λ) are indicated between the following pairs of notes in each mode: (D, E) in Ionian, Dorian, and Aeolian; (E, F#) in Phrygian, Lydian, and Mixolydian; and (G#, A) in Phrygian, Lydian, and Locrian.

# SCALES AND MODES - KEY OF E

Λ = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of E. Each staff begins with a treble clef and a key signature of three sharps (F#, C#, G#). The notes are written as whole notes on a five-line staff. The modes are labeled on the left side of each staff. Above each staff, the notes of the mode are listed in a sequence, with a triangle symbol (Λ) indicating a half-step interval between certain notes. The modes are: I - Major (Ionian), II - Dorian, III - Phrygian, IV - Lydian, V - Mixolydian, VI - Minor (Aeolian), and VII - Locrian.

Mode	Notes
I - Major (Ionian)	E, F#, G#, A, B, C#, D#, E
II - Dorian	F#, G#, A, B, C#, D#, E, F#
III - Phrygian	G#, A, B, C#, D#, E, F#, G#
IV - Lydian	A, B, C#, D#, E, F#, G#, A
V - Mixolydian	B, C#, D#, E, F#, G#, A, B
VI - Minor (Aeolian)	C#, D#, E, F#, G#, A, B, C#
VII - Locrian	D#, E, F#, G#, A, B, C#, D#

# SCALES AND MODES - KEY OF B

Λ = 1/2 Step

The image displays seven musical staves, each representing a different mode in the key of B. Each staff begins with a treble clef and a key signature of three sharps (F#, C#, G#). The notes for each mode are as follows:

- I - Major (Ionian):** B, C#, D#, E, F#, G#, A#, B. Interval between A# and B is marked with Λ.
- II - Dorian:** C#, D#, E, F#, G#, A#, B, C#. Interval between A# and B is marked with Λ.
- III - Phrygian:** D#, E, F#, G#, A#, B, C#, D#. Interval between A# and B is marked with Λ.
- IV - Lydian:** E, F#, G#, A#, B, C#, D#, E. Interval between A# and B is marked with Λ.
- V - Mixolydian:** F#, G#, A#, B, C#, D#, E, F#. Interval between A# and B is marked with Λ.
- VI - Minor (Aeolian):** G#, A#, B, C#, D#, E, F#, G#. Interval between A# and B is marked with Λ.
- VII - Locrian:** A#, B, C#, D#, E, F#, G#, A#. Interval between A# and B is marked with Λ.

# SCALES AND MODES - KEY OF F#

Λ = 1/2 Step

The image displays seven musical staves, each representing a mode in the key of F#. Each staff begins with a treble clef and a key signature of four sharps (F#, C#, G#, D#). The notes for each mode are written as half notes, with accidentals indicating the specific pitch. A wedge symbol (Λ) is placed above certain notes to indicate a half-step interval from the previous note.

- I - Major (Ionian):** F#, G#, A#, B, C#, D#, E#, F#
- II - Dorian:** G#, A#, B, C#, D#, E#, F#, G#
- III - Phrygian:** A#, B, C#, D#, E#, F#, G#, A#
- IV - Lydian:** B, C#, D#, E#, F#, G#, A#, B
- V - Mixolydian:** C#, D#, E#, F#, G#, A#, B, C#
- VI - Minor (Aeolian):** D#, E#, F#, G#, A#, B, C#, D#
- VII - Locrian:** E#, F#, G#, A#, B, C#, D#, E#

# SCALES AND MODES - KEY OF C#

Λ = 1/2 Step

The image displays seven musical staves, each representing a mode in the key of C#. Each staff begins with a treble clef and a key signature of three sharps (F#, C#, G#). The notes for each mode are as follows:

- I - Major (Ionian):** C#, D#, E#, F#, G#, A#, B#, C#. Intervals: C#-D# (Λ), D#-E# (Λ), E#-F# (Λ), F#-G# (Λ), G#-A# (Λ), A#-B# (Λ), B#-C# (Λ).
- II - Dorian:** D#, E#, F#, G#, A#, B#, C#, D#. Intervals: D#-E# (Λ), E#-F# (Λ), F#-G# (Λ), G#-A# (Λ), A#-B# (Λ), B#-C# (Λ), C#-D# (Λ).
- III - Phrygian:** E#, F#, G#, A#, B#, C#, D#, E#. Intervals: E#-F# (Λ), F#-G# (Λ), G#-A# (Λ), A#-B# (Λ), B#-C# (Λ), C#-D# (Λ), D#-E# (Λ).
- IV - Lydian:** F#, G#, A#, B#, C#, D#, E#, F#. Intervals: F#-G# (Λ), G#-A# (Λ), A#-B# (Λ), B#-C# (Λ), C#-D# (Λ), D#-E# (Λ), E#-F# (Λ).
- V - Mixolydian:** G#, A#, B#, C#, D#, E#, F#, G#. Intervals: G#-A# (Λ), A#-B# (Λ), B#-C# (Λ), C#-D# (Λ), D#-E# (Λ), E#-F# (Λ), F#-G# (Λ).
- VI - Minor (Aeolian):** A#, B#, C#, D#, E#, F#, G#, A#. Intervals: A#-B# (Λ), B#-C# (Λ), C#-D# (Λ), D#-E# (Λ), E#-F# (Λ), F#-G# (Λ), G#-A# (Λ).
- VII - Locrian:** B#, C#, D#, E#, F#, G#, A#, B#. Intervals: B#-C# (Λ), C#-D# (Λ), D#-E# (Λ), E#-F# (Λ), F#-G# (Λ), G#-A# (Λ), A#-B# (Λ).