

Two-Octave Cello Scales

Roman Numerals indicate strings, *not* positions:

I = A string

II = D string

III = G string

IV = C string

Cassia Harvey

Stay on each string and in each position until the next string or position is indicated.

Closed means that the left hand reaches either a whole step and a half step, using 1-3-4, or a half step and a whole step, using 1-2-4.

Extended means that there is a whole step between 1st and 2nd fingers so that your hand can reach two whole steps using fingers 1-2-4.

C Major Scale

1st position
closed

0 1 3 4 0 1 3 4 0 1 2 4 0 1 2 1

IV III II I

0 4 2 1 0 4 3 1 0 4 3 1 0

II III IV

D \flat Major Scale

1st pos. extended 4th pos. extended 3rd pos. closed 2nd pos. closed 1/2 pos. closed

1 2 4 1 2 4 1 2 4 1 2 4 1 3 4 3

IV III II I

2nd pos. closed 3rd pos. closed 4th pos. extended 1st pos. extended

1 4 2 1 4 2 1 4 2 1 4 2 1

II III IV

D Major Scale

1st pos. extended 1st pos. closed

1 2 4 0 1 2 4 0 1 3 4 0 1 3 4 3

IV III II I

1st pos. extended

1 0 4 3 1 0 4 2 1 0 4 2 1

II III IV

E \flat Major Scale

1st pos. closed 1st pos. extended 3rd pos. closed 2nd pos. closed

2 4 0 1 2 4 0 1 2 1 2 4 1 3 4 3

IV III II I

3rd pos. closed 1st pos. extended 1st pos. closed

1 4 2 1 2 1 0 4 2 1 0 4 2

II III IV

E Major Scale

2nd pos. extended
1 2 4

1st pos. extended
1 2 4

1/2 pos. closed
1 2 4

3rd pos. closed
1 2 4

2nd pos. closed
1 3 4 3

IV III II I

3rd pos. closed
1 4 2 1

1/2 pos. closed
4 2 1

1st pos. extended
4 2 1

2nd pos. extended
4 2 1

II III IV

F Major Scale

1st pos. closed
4 0 1 2 4

1st pos. extended
0 1 2 4 0

3rd pos. closed
1 3 4 3

IV III II I

1st pos. extended
1 2 1 0

1st pos. closed
4 2 1 0 4 2 1 0 4

II III IV

F# Major Scale

G Major Scale

A \flat Major Scale

The A \flat Major Scale is presented in two octaves in the bass clef. The first octave starts on the G \flat string (3rd line) and ends on the C \flat string (4th space). The second octave starts on the C \flat string (4th space) and ends on the G \flat string (3rd line). Fingerings are indicated by numbers 1-4. Positions are labeled as I, II, and III. Specific techniques are noted: '1st pos. extended', '4th pos. extended', '3rd pos. closed', '2nd pos. closed', and '5th pos. closed'.

A Major Scale

The A Major Scale is presented in two octaves in the bass clef. The first octave starts on the G string (3rd line) and ends on the C string (4th space). The second octave starts on the C string (4th space) and ends on the G string (3rd line). Fingerings are indicated by numbers 1-4 and 0 for the open string. Positions are labeled as I, II, and III. Specific techniques are noted: '1st pos. extended', '1st pos. closed', '3rd pos. closed', and '5th pos. closed'.

B \flat Major Scale

The B \flat Major Scale is presented in the bass clef with a common time signature. The ascending scale is divided into four segments: 1st pos. closed (fingering 2, 4, 0), 1st pos. extended (fingering 1, 2, 4, 0, 1, 2), 3rd pos. closed (fingering 1, 2, 4), and 6th pos. closed (fingering 1, 2, 3, 2). The descending scale is divided into three segments: 3rd pos. closed (fingering 1, 4, 2, 1), 1st pos. extended (fingering 2, 1, 0, 4, 2, 1, 0), and 1st pos. closed (fingering 4, 2). Positions III, II, and I are indicated for the ascending scale, and II and III for the descending scale.

B Major Scale

The B Major Scale is presented in the bass clef with a common time signature. The ascending scale is divided into five segments: 2nd pos. extended (fingering 1, 2, 4), 1st pos. extended (fingering 1, 2, 4), 1/2 pos. closed (fingering 1, 2, 4), 3rd pos. closed (fingering 1, 2, 4), and 6th pos. closed (fingering 1, 2, 3, 2). The descending scale is divided into four segments: 3rd pos. closed (fingering 1, 4, 2, 1), 1/2 pos. closed (fingering 4, 2, 1), 1st pos. extended (fingering 4, 2, 1), and 2nd pos. extended (fingering 4, 2, 1). Positions III, II, and I are indicated for the ascending scale, and II and III for the descending scale.



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