

# HALF-DIMINISHED AND DIMINISHED SEVENTH CHORDS

$C_{mi}^{7(b5)}$

**ROOT**  
**MINOR 3RD**  
**DIMINISHED 5TH**  
**MINOR 7TH**

**C DIM. TRIAD**      **MINOR 7TH**      **C MINOR 7 FLAT 5 (C HALF-DIM.)**

**C ROOT**      **E-FLAT MINOR TRIAD**      **C MINOR 7 FLAT 5 (C HALF-DIM.)**

**ROOT POSITION**

**1ST INVERSION**

**2ND INVERSION**

**3RD INVERSION**

$C^{o7}$

**ROOT**  
**MINOR 3RD**  
**DIMINISHED 5TH**  
**DIMINISHED 7TH**

**C DIM. TRIAD**      **DIM. 7TH**      **C DIMINISHED 7**

**C ROOT**      **E-FLAT DIM. TRIAD**      **C DIMINISHED 7**

**ROOT POSITION**

**1ST INVERSION**

**2ND INVERSION**

**3RD INVERSION**