```
NOTES (EADGBE, low E at bottom)
     1 2 3
              4 5
                    6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
    F F# G G# A
                   A#BCC#DD#EFF#GG#AA#BC
B IB
     C C# D
              D# F
                    F F# G G# A A# B
                                        C C# D
                                                  D# E
                                                       F
                                                          F# G
          A# B C
                    C# D
                          D# E F
                                   F# G
                                         G# A
                                              A# B
GIG
     G# A
                                                     C
                                                        C# D
     D# E
           F
              F# G
                    G# A
                          A# B C
                                   C# D
                                         D# E
                                              F
                                                  F# G
                                                        G# A
                          F
    A# B C
             C# D
                    D# E
                             F# G
                                  G# A A# B
                                              C
                                                  C# D
                                                        D# E
                                                                 F#
E | E F F# G G# A
                    A# B C
                            C# D D# E F F# G G# A A# B
                                                             C
                                                                 C#
            3
                 5
                       7
                             9
                                      12
                                               15
                                                     17
                                                           19
                                                                 21
NOTES Single (EADGBE, low E at bottom)
                   6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
           3
              4
                 5
                          C
E | E
           G
                 Α
                    -
                       В
                            -
                                D
                                   -
                                      E F
                                               G
                                                     Α
                                            -
     C
           D
                 Ε
                    F
                          G
                                Α
                                      В
                                         C
                                               D
                                                     Ε
                                                        F
B | B
GIG
        Α
           _
              В
                 C
                       D
                             Ε
                                F
                                      G
                                            Α
                                                  В
                                                     C
                                                           D
                                                                 Ε
           F
                                C
                                               F
D ID
        Ε
                 G
                       Α
                             В
                                      D
                                            Ε
                                                     G
                          F
                                                              F
           C
                       Ε
                                G
                                            В
                                               C
                                                           Ε
A \mid A
        В
                 D
                             -
                                      Α
                                                     D
E | E
    F
           G
              _
                 Α
                       В
                          C
                             _
                                D
                                   -
                                      Ε
                                         F
                                               G
                                                     Α
                                                           В
                                                              C
            3
                 5
                       7
                             9
                                      12
                                                           19
                                               15
                                                     17
                                                                 21
NOTES Empty (EADGBE, low E at bottom)
     1 2 3 4 5
                    6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
                          C
                                      E F
E |E
           G
                                D
                                               G
                                                     Α
     F
                 Α
                       В
B | B
     C
           D
                 Ε
                    F
                          G
                                Α
                                      В
                                        C
                                               D
                                                     Ε
                                                       F
                                                              G
                             Ε
                                                     C
G | G
        Α
              В
                 C
                       D
                                F
                                      G
                                            Α
                                                  В
                                                           D
                                                                 Ε
DID
           F
                             В
                                C
                                      D
                                            Ε
                                               F
                                                     G
        Ε
                 G
                       Α
                                                           Α
                                                                 В
                                                             F
A IA
        В
           C
                 D
                       Ε
                         F
                                G
                                      Α
                                            В
                                               C
                                                     D
                                                           Ε
                       B C
                                      E F
                                                             C
E | E F
           G
                                D
                                               G
                                                           В
                 Α
                                                     Α
            3
                       7
                             9
                 5
                                      12
                                               15
                                                           19
                                                     17
                                                                 21
CHROMATIC NUMBERS (C=1..B=12) (EADGBE, low E at bottom)
                                10 11 12 13 14 15 16 17 18 19 20 21
                    6 7 8
                             9
           3
              4
                 5
              9
                 10 11 12 1
                            2
                                  4
                                      5 6
                                           7
                                                     10 11 12 1
E |5
        7
           8
                                3
                                               8
                                                  9
                                                                 2
        2
                 5
                       7
                          8
                             9
                                10 11 12 1
                                            2
                                                     5
B | 12 1
           3
              4
                    6
                                               3
                                                  4
                                                        6
                                                           7
     9
                            5
        10 11 12 1
                    2
                       3
                          4
                                6
                                   7
                                      8
                                        9
                                            10 11 12 1
                                                        2
                                                           3
                                                                 5
G |8
                       10 11 12 1
                                   2
                                      3 4
                                            5
                                               6
                                                 7
D |3
     4
        5
           6
              7
                 8
                    9
                                                     8
                                                          10 11 12
A | 10 11 12 1
              2
                 3
                    4
                       5 6
                             7
                                8
                                   9
                                      10 11 12 1
                                                  2
                                                     3
                                                        4
                                                           5
                                                                 7
                            2
                                3 4
           8 9 10 11 12 1
                                      5 6 7
                                                  9
                                                                 2
E 15 6 7
                                               8
                                                     10 11 12 1
            3
                 5
                       7
                             9
                                      12
                                               15
                                                     17
                                                           19
                                                                 21
SCALE DEGREES (C=1..B=7, sharps marked) (EADGBE, low E at bottom)
                    6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
        2
           3
              4 5
                            1# 2
E 13
        4# 5
              5# 6
                    6# 7
                          1
                                   2# 3
                                        4 4# 5 5# 6
                                                        6# 7
                    4 4# 5
                             5# 6
        1# 2
              2# 3
                                   6# 7
                                         1
                                           1# 2
                                                  2# 3
                                                          4# 5
B | 7
      1
                                                        4
                                                                 5#
           6# 7
                    1# 2
                          2# 3
                                   4# 5
                                         5# 6
                                              6# 7
                                                        1# 2
G | 5
     5# 6
                 1
                               4
                                                     1
                                                              2# 3
                    5# 6
                          6# 7
                                   1# 2
D | 2
     2# 3
           4
              4# 5
                                1
                                         2# 3
                                              4
                                                  4# 5
                                                        5# 6
                                                              6# 7
     6# 7
           1
              1# 2
                    2# 3
                          4
                             4# 5
                                   5# 6
                                         6# 7
                                               1
                                                  1# 2
                                                        2# 3
A 16
     4 4# 5
                    6# 7
                          1
                             1# 2
                                   2# 3 4 4# 5
                                                        6# 7
E 13
              5# 6
                                                  5# 6
                                                              1
                                                                 1#
            3
                       7
                             9
                                      12
                                               15
                                                           19
                 5
                                                     17
                                                                 21
```