

Kirnberger III

TemperamentID: 3 Version: 1.01 ShortName: Kirn3 SupplierID: 000001 SupplierName: Milan Digital Audio

1. Description of temperament

Welltempered tuning with characteristic of different keys.
 Pure third at C-E defines the four tempered fifths C-G-D-A-E.
 The other fifths are pure but the fifth F#-C# which is nearly pure.

2. Table describing temperament

Name	Freq[HZ]	Cent	Eq-Cent	Halftone	Fifth	MajThird	MinThird
C	526.4	1200.0	0.0	90.0	696.5	386.5	294.0
B	493.6	1088.5	-11.5	111.5	701.5	405.5	304.5
Bb	467.9	996.0	-4.0	92.5	702.0	397.0	294.0
A	440.0	889.5	-10.5	106.5	697.0	400.5	310.5
Ab	415.9	792.0	-8.0	97.5	702.0	408.0	296.5
G	393.6	696.5	-3.5	95.5	696.5	392.0	299.5
F#	370.1	590.0	-10.0	106.5	700.0	406.0	299.5
F	350.9	498.0	-2.0	92.0	702.0	391.5	294.0
E	329.1	386.5	-13.5	111.5	702.0	405.5	310.0
Eb	311.9	294.0	-6.0	92.5	702.0	402.5	296.0
D	294.3	193.0	-7.0	101.0	696.5	397.0	305.0
Db	277.3	90.0	-10.0	103.0	702.0	408.0	296.5
C	263.2	0.0	0.0	90.0	696.5	386.5	294.0

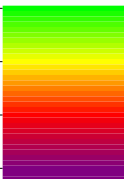
Legend:

Pure _____

Acceptable _____

Harsh _____

Unusable _____



Pure fifth

Equal fifth

Pure maj.third

Equal maj.third

Pure min.third

Equal min.third

702.0

700.0

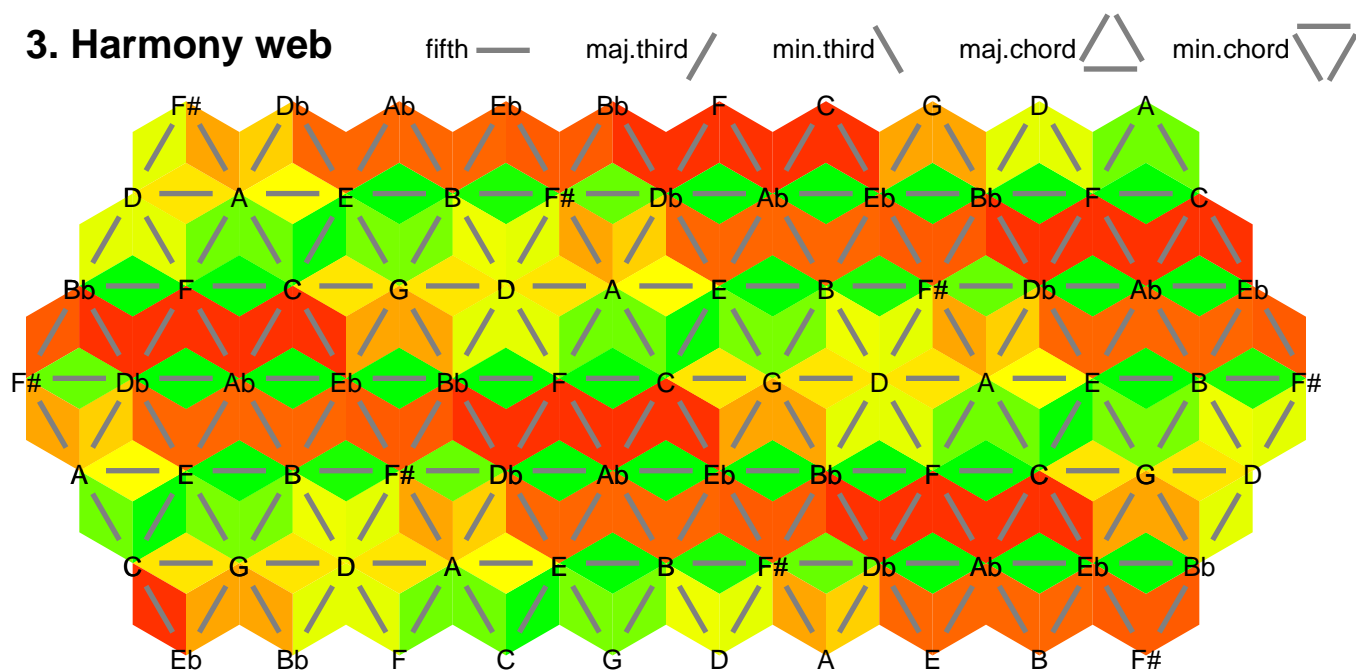
386.3

400.0

315.7

300.0

3. Harmony web



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4. Bargraph of deviations of intervals from pure

