

U2711, kalibriert mit i1Profiler & i1 Display Pro, Correction (Breiter Gamut) CCFL
(interessant übrigens, daß in der Mitte des Graukeils eine etwas breitete Zone ist, die eine einen magentafarbenen Stich hat - das ist bei der Kalibrierung mit iColorDisplay3 nicht der Fall!)

Monitor Calibration Report

Date: 2014-3-25 19:29:38
Profile: Sync/Profiles/U2711 iCoLD WG CCFL.icc
Measurement Device: eye-one display 3

Calibration:

	Target	Current	Deviation
Gamma	2.2	2.2	1%
Kelvin	6500	6564	1%
cd/m2	Max	122	

Whitepoint

XYZ	115.62 121.79 133.52
XYZ (normalized):	94.93 100.00 109.63
Luminance	121.8 Cd/m2
Next Temperature	6564 Kelvin
Assumed Target Whitepoint	6600 Kelvin
Distance to assumed Target Whitepoint	0.9 deltaE

Blackpoint:

Luminance 0.17 Cd/m2

Graybalance:

Color	Kelvin	Chroma	Gamma
	9754	0.92	
17% heavy dark	6533	0.86	2.21
25% dark gray	6583	0.24	2.19
50% gray	6459	0.22	2.20
75% light gray	6526	0.29	2.15
100% white	6564	0.50	

Average Gamma = 2.19

Profile Statistic:

Note: The deltaE calculation takes the blackpoint into account!
Based on chromatic adaptation Bradford

Color	L	a	b	dE94
	1.3	0.2	-0.9	0.1
17% heavy dark	17.0	0.7	-0.4	0.9
25% dark gray	26.6	0.0	-0.1	0.1
50% gray	53.9	0.3	0.4	0.6
75% light gray	78.4	0.3	0.1	0.4
100% white	100.0	0.0	0.0	0.0
red	54.6	96.5	85.4	6.0
green	96.1	-143.1	92.3	10.5
blue	25.3	78.1	-115.2	2.3
cyan	94.6	-99.1	-9.2	7.8
magenta	59.5	111.1	-60.4	5.2
yellow	101.1	-16.7	106.1	3.1
Average				3.1

DELL U2711, kalibriert mit iColorDisplay3 & i1 Display pro, Correction Wide Gamut CCFL

Monitor Calibration Report

Date: 2014-3-25 19:43:38
Profile: Sync/Profiles/DELL U2711 i1Profiler.icc
Measurement Device: eye-one display 3

Calibration:

	Target	Current	Deviation
Gamma	2.2	2.2	0%
Kelvin	6500	6619	2%
cd/m2	Max	119	

Whitepoint

XYZ	111.68 119.04 129.17
XYZ (normalized):	93.82 100.00 108.51
Luminance	119.0 Cd/m2
Next Temperature	6619 Kelvin
Assumed Target Whitepoint	6600 Kelvin
Distance to assumed Target Whitepoint	0.9 deltaE

Blackpoint:

Luminance 0.17 Cd/m2

Graybalance:

Color	Kelvin	Chroma	Gamma
	9387	0.88	
17% heavy dark	6940	1.00	2.19
25% dark gray	6532	0.64	2.19
50% gray	6690	2.18	2.19
75% light gray	6553	1.57	2.18
100% white	6619	2.18	

Average Gamma = 2.19

Profile Statistic:

Note: The deltaE calculation takes the blackpoint into account!
Based on chromatic adaptation Bradford

Color	L	a	b	dE94
	1.3	0.3	-0.8	1.6
17% heavy dark	17.3	-0.2	-0.8	0.9
25% dark gray	26.6	0.2	0.2	0.4
50% gray	54.2	-0.8	0.1	0.8
75% light gray	78.2	0.3	0.4	0.5
100% white	100.0	0.0	0.0	0.0
red	54.2	96.1	84.7	6.9
green	96.1	-140.3	92.2	10.0
blue	25.2	78.1	-115.1	4.2
cyan	94.6	-96.7	-9.7	6.8
magenta	59.1	110.8	-60.3	4.7
yellow	101.2	-16.9	105.8	3.7
Average				3.4

DELL U2711

Profile Quality

This test displays and measures RGB values and compares them with the transformation of the profile. The maximum allowed deviations to comply with this test are an average of DeltaE 3.0 and a maximum of DeltaE 6.0.

The Lab values are calculated, based on the measured white point (xy: 0.3121 0.3291).

The assumed chromatic adaptation is: Bradford

RGB	Lab	deltaLab	DeltaE-76
0 0 0	1.3 0.2 -0.9	-1.3 -0.2 0.9	1.6
0 0 128	9.6 45.8 -68.4	0.3 0.6 -3.7	3.7
0 0 255	25.1 79.1 -115.5	1.9 -2.1 -4.0	4.9
0 128 0	53.0 -88.0 55.8	-7.6 1.4 -2.1	8.0
0 128 128	51.8 -61.3 -4.1	-4.9 2.8 -7.7	9.6
0 170 255	67.3 -42.3 -49.7	-3.4 3.4 -8.5	9.7
0 255 0	95.9 -142.9 92.1	-10.3 -0.6 -3.1	10.7
0 255 170	94.5 -121.9 32.8	-7.7 -0.1 -9.2	12.0
0 255 255	94.6 -99.0 -9.2	-6.5 2.0 -10.3	12.3
85 85 85	36.0 0.4 -0.5	-0.1 -0.4 0.5	0.7
128 0 0	26.4 57.2 41.3	3.1 7.9 5.3	10.0
128 0 128	29.3 66.3 -36.4	2.9 5.4 2.1	6.5
128 128 0	54.9 -12.4 62.9	-2.2 2.3 1.0	3.3
128 128 128	54.2 -0.1 0.4	-0.2 0.1 -0.4	0.5
128 128 255	56.2 27.6 -67.6	1.8 -0.2 0.1	1.8
128 255 128	95.2 -90.3 52.9	-6.0 -1.0 -2.8	6.7
170 0 255	44.3 94.4 -85.5	3.2 3.8 1.0	5.0
170 170 170	70.2 0.5 0.2	0.0 -0.5 -0.2	0.6
170 255 0	97.5 -79.1 97.5	-6.4 6.8 -1.0	9.4
170 255 255	96.4 -43.3 -6.6	-3.0 -2.6 -4.4	5.9
255 0 0	54.6 96.6 85.3	4.9 11.2 -1.8	12.4
255 0 170	56.7 103.3 -16.6	4.7 9.3 4.5	11.3
255 0 255	59.4 111.3 -60.5	4.5 7.6 3.7	9.5
255 128 128	67.4 70.2 22.4	4.5 0.7 6.6	8.0
255 170 0	77.9 40.5 91.2	1.3 0.6 1.3	1.9
255 170 255	77.9 61.0 -33.1	4.1 -4.3 5.2	7.9
255 255 0	101.1 -17.0 105.9	-3.1 0.3 -0.0	3.1
255 255 170	100.0 -10.2 41.8	-1.2 0.7 1.2	1.8
255 255 255	100.0 0.0 0.0	-0.0 0.0 -0.0	0.0
170 85 85	46.0 52.4 16.7	3.2 0.4 5.0	5.9
85 170 85	66.7 -67.9 39.1	-4.6 -0.2 -1.7	4.9
85 85 170	37.3 22.3 -50.8	1.5 -1.7 0.5	2.4
85 170 170	66.5 -46.8 -6.9	-3.0 -2.8 -4.2	5.9
170 85 170	47.2 64.7 -34.3	4.0 -3.8 4.7	7.2
170 170 85	70.3 -10.0 46.3	-1.3 0.5 1.8	2.3
Average			5.9
Maximum			12.4

Zum Vergleich die Ergebnisse des Macbook Pro Retina 13“ (late 2013) Correction „White LED“

Monitor Calibration Report

Date: 2014-3-25 19:52:42
Profile: Sync/Profiles/APPLE iCoID WhLED.icc
Measurement Device: eye-one display 3

Calibration:

	Target	Current	Deviation
Gamma	2.2	2.2	0%
Kelvin	6500	6615	2%
cd/m2	Max	121	

Whitepoint

XYZ	114.95 121.10 133.68
XYZ (normalized):	94.92 100.00 110.39
Luminance	121.1 Cd/m2
Next Temperature	6615 Kelvin
Assumed Target Whitepoint	6600 Kelvin
Distance to assumed Target Whitepoint	0.9 deltaE

Blackpoint:

Luminance 0.11 Cd/m2

Graybalance:

Color	Kelvin	Chroma	Gamma
	0	1.83	
17% heavy dark	6546	0.55	2.22
25% dark gray	6603	0.36	2.21
50% gray	6600	0.65	2.19
75% light gray	6528	0.51	2.17
100% white	6615	0.94	

Average Gamma = 2.19

Profile Statistic:

Note: The deltaE calculation takes the blackpoint into account!
Based on chromatic adaptation Bradford

Color	L	a	b	dE94
	0.8	0.4	-1.7	0.1
17% heavy dark	17.0	-0.4	0.5	0.7
25% dark gray	26.3	-0.2	0.2	0.3
50% gray	54.3	-0.5	0.4	0.6
75% light gray	78.3	0.5	0.4	0.6
100% white	100.0	0.0	-0.0	0.0
red	52.2	80.7	65.7	0.4
green	89.3	-78.0	88.8	0.1
blue	25.6	88.2	-119.9	0.4
cyan	91.5	-46.8	-13.4	0.1
magenta	56.9	100.9	-67.2	0.2
yellow	98.1	-19.2	99.4	0.1
Average				0.3

Macbook Pro Retina

Profile Quality

This test displays and measures RGB values and compares them with the transformation of the profile. The maximum allowed deviations to comply with this test are an average of DeltaE 3.0 and a maximum of DeltaE 6.0.

The Lab values are calculated, based on the measured white point (xy: 0.3126 0.3292).

The assumed chromatic adaptation is: Bradford

RGB	Lab	deltaLab	DeltaE-76
0 0 0	0.8 0.5 -1.7	-0.8 -0.5 1.7	2.0
0 0 128	9.7 51.1 -71.1	-0.2 1.1 -0.7	1.3
0 0 255	25.5 88.1 -119.9	0.7 -1.7 1.0	2.0
0 128 0	47.5 -47.1 52.2	0.1 0.1 1.2	1.2
0 128 128	49.0 -28.6 -7.7	-0.1 0.5 -0.3	0.6
0 170 255	66.0 -9.1 -53.1	0.1 0.2 0.1	0.3
0 255 0	89.3 -78.7 88.5	0.1 0.7 -0.0	0.7
0 255 170	90.2 -64.8 28.3	0.1 0.7 0.3	0.8
0 255 255	91.4 -47.3 -13.5	0.1 0.7 0.2	0.8
85 85 85	36.0 -0.1 0.1	-0.1 0.1 -0.1	0.2
128 0 0	25.3 48.2 35.2	-0.2 0.5 1.8	1.9
128 0 128	28.3 60.3 -39.9	-0.2 0.2 -0.5	0.5
128 128 0	52.9 -11.5 58.9	-0.1 0.0 0.4	0.4
128 128 128	54.3 -0.5 0.5	-0.3 0.5 -0.5	0.7
128 128 255	58.0 30.7 -66.0	-0.2 0.4 -0.4	0.6
128 255 128	91.9 -55.0 52.3	-0.0 0.1 0.0	0.2
170 0 255	42.8 91.3 -90.8	0.1 -1.0 0.2	1.0
170 170 170	70.4 0.1 0.1	-0.2 -0.1 -0.1	0.3
170 255 0	93.1 -49.2 93.2	-0.0 0.1 -0.6	0.6
170 255 255	95.2 -24.4 -7.5	-0.0 -0.0 -0.1	0.1
255 0 0	52.3 80.8 65.7	-0.2 -0.1 -1.0	1.0
255 0 170	54.4 89.6 -23.7	-0.1 -0.2 0.1	0.3
255 0 255	57.0 101.0 -67.0	0.1 -0.7 0.0	0.7
255 128 128	68.2 47.1 21.7	-0.4 0.4 -0.3	0.7
255 170 0	76.8 20.9 82.6	-0.1 -0.0 -1.1	1.1
255 170 255	79.7 42.1 -30.9	-0.2 0.3 -0.4	0.6
255 255 0	98.2 -19.2 99.2	-0.1 0.2 -1.0	1.0
255 255 170	99.0 -11.0 41.2	-0.1 0.1 0.2	0.3
255 255 255	100.0 0.0 0.0	-0.0 0.0 -0.0	0.0
170 85 85	46.5 35.6 16.4	-0.3 -0.1 -0.5	0.6
85 170 85	64.2 -41.3 39.2	-0.0 0.4 -0.1	0.5
85 85 170	38.7 23.0 -49.7	-0.1 0.2 0.2	0.3
85 170 170	65.4 -25.7 -7.7	-0.1 0.3 0.1	0.3
170 85 170	48.4 48.0 -33.7	-0.2 -0.2 -0.1	0.4
170 170 85	69.2 -10.5 46.4	-0.2 -0.4 -0.5	0.6
Average			0.7
Maximum			2.0