

Basic Information

Device:	Color LCD @ 0, 0, 1280x800 (Primary)
Instrument:	i1 DisplayPro, ColorMunki Display (LCD (generic))
Correction matrix:	Apple Color LCD Retina (GretagMacbeth i1 Pro).ccss
Profile:	Display
Profile whitepoint XYZ (normalized):	94.66 100 143.17, CCT = 9636K
Measured luminance:	205 cd/m²
Measured whitepoint XYZ (normalized):	195.49 204.99 237.86 (95.37 100 116.03), CCT = 6950K
Assumed target whitepoint (XYZ):	7000K daylight (94.94 100 115.96)
Simulation profile:	None
Testchart:	verify_extended.ti1
Chromatic adaption:	Bradford
Evaluation criteria:	RGB
Date:	2013-02-06 22:19:39

Summary

Criteria	Nominal	Recommended	#	Actual	Result
Measured vs. assumed target whitepoint ΔE*00	<= 2	<= 1		0.67	OK ✓✓
Average ΔE*00	<= 1.5	<= 1		1.92	NOT OK ✖
Maximum ΔE*00	<= 4	<= 3	23	6.78	NOT OK ✖

✖ Nominal tolerance exceeded

Overview

#	Device Values			Nominal Values				Measured Values				ΔE*00			
	R	G	B	L*	a*	b*	γ	L*	a*	b*	γ	ΔL*	ΔC*	ΔH*	ΔE*
01	255	255	255	100	0	0		100	0	0		0	0	0	0
02	0	0	0	0	0	0		0.82	0.38	-1.68		0.82	1.78	0	1.77
03	13	13	13	3.55	0	0	1.85	1.18	0.39	-1.68	2.22	-2.37	1.77	0.04	2.2
04	26	26	26	9.01	0	0	2	4.14	0.72	-1.84	2.34	-4.87	2.13	0.07	3.59
05	38	38	38	15.28	0	0	2.07	10.82	-0.07	-0.6	2.32	-4.45	0.61	0.03	2.94
06	51	51	51	21.25	0	0	2.12	17.49	0	0.08	2.32	-3.76	0.08	-0.01	2.59
07	64	64	64	26.98	0	0	2.15	23.89	0	0.13	2.31	-3.1	0.12	-0.02	2.28
08	77	77	77	32.53	0	0	2.17	29.54	0.57	-0.33	2.33	-2.99	0.92	0.08	2.51
09	89	89	89	37.93	0	0	2.19	35.29	0.05	0.13	2.33	-2.63	0.15	-0.03	2.22
10	102	102	102	43.19	0	0	2.2	41.08	-0.29	0.21	2.32	-2.11	0.48	-0.01	1.98
11	115	115	115	48.34	0	0	2.21	46.63	0.14	0.22	2.32	-1.71	0.3	-0.05	1.7
12	127	127	127	53.39	0	0	2.22	51.85	0.47	-0.28	2.32	-1.54	0.76	0.08	1.69
13	140	140	140	58.35	0	0	2.23	57.01	0.07	0.33	2.32	-1.33	0.34	-0.05	1.26
14	153	153	153	63.22	0	0	2.24	62.24	0.17	0.29	2.31	-0.99	0.38	-0.06	0.92
15	166	166	166	68.02	0	0	2.25	67.33	-0.02	0.32	2.3	-0.7	0.32	-0.04	0.64
16	179	179	179	72.76	0	0	2.25	72.04	0.58	0	2.32	-0.72	0.87	0.1	1.02
17	191	191	191	77.43	0	0	2.26	76.8	0.05	0.33	2.33	-0.63	0.33	-0.05	0.56
18	204	204	204	82.05	0	0	2.26	81.65	0.1	0.33	2.32	-0.4	0.36	-0.06	0.45
19	217	217	217	86.61	0	0	2.26	86.35	0.19	0.34	2.31	-0.25	0.44	-0.07	0.47
20	229	229	229	91.12	0	0	2.27	90.79	0.58	0	2.35	-0.32	0.87	0.11	0.89
21	242	242	242	95.58	0	0	2.27	95.37	0.22	0.46	2.38	-0.21	0.57	-0.08	0.58
22	127	0	0	26.19	49.17	42.94		23.39	45.81	33.66		-2.8	-8.44	-5.13	4.33
23	255	0	0	54.53	82.2	83.67		51.77	79.86	64.87		-2.76	-14.41	-12.31	6.78
24	255	127	127	68.8	50.55	25.61		66.85	48.73	22.15		-1.95	-3.14	-2.33	2.25
25	0	127	0	46.37	-49.66	53.04		44.73	-44.11	48.53		-1.64	-7.07	-1.02	2.36
26	0	255	0	88.26	-83.01	88.66		89.17	-75.85	83.04		0.9	-8.99	-1.44	1.61
27	127	255	127	91	-58.27	52.35		91.56	-54.55	51.56		0.56	-3.27	-1.93	1.11
28	0	0	127	9.4	47.86	-71.66		9.11	46.84	-66.29		-0.3	-5	2.2	1.88
29	0	0	255	26.47	80	-119.79		27.93	79.55	-113.99		1.46	-5.04	2.9	1.99
30	127	127	255	57.33	28.92	-68.12		57.1	30.69	-66.29		-0.23	-0.96	2.36	1.81
31	0	127	127	47.74	-31.33	-9.47		46.63	-26.42	-7.68		-1.11	-5.48	-0.32	2.51
32	0	255	255	90.56	-52.37	-15.83		91.7	-45.13	-13.23		1.14	-7.69	-0.43	2.45
33	170	255	255	94.55	-27.46	-9.13		95.18	-24.08	-7.64		0.63	-3.99	-0.38	1.77
34	127	0	127	29.06	58.94	-38.05		26.55	56.75	-37.81		-2.51	-1.97	-1	2
35	255	0	255	59.33	98.54	-63.61		57.67	97.14	-64.6		-1.66	-0.62	-1.59	1.58
36	255	170	255	79.94	43.69	-30.75		79.22	42.75	-30.93		-0.72	-0.66	-0.69	0.65
37	127	127	0	52.24	-10.31	61.9		50.02	-10.11	54.57		-2.21	-7.25	1.07	3.03
38	255	255	0	98.07	-17.24	103.48		97.86	-18.33	92.5		-0.22	-10.61	3.03	2.43
39	255	255	170	98.85	-10.02	43.36		98.85	-10.91	41.18		0	-1.89	1.39	1.12
40	170	85	85	47.08	36.33	18.17		44.38	34.99	16.06		-2.69	-2.13	-1.33	2.83
41	85	170	85	63.08	-42.11	37.62		62.44	-39.72	37.66		-0.64	-1.73	-1.65	1.07

42	85	85	170	38.92	20.51	-48.96		37.11	22.2	-48.46	-1.8	0.22	1.75	2.02		
43	85	170	170	64.33	-27.69	-8.86		64.04	-24.73	-6.79	-0.28	-3.67	-1.15	1.78		
44	170	85	170	49.01	46.7	-31.82		46.98	46.31	-32.09	-2.03	-0.17	-0.44	2.02		
45	170	170	85	68.51	-9.69	46.43		67.42	-10	44.56	-1.09	-1.76	0.7	1.14		
46	255	0	170	56.53	89.26	-18.26		54.13	87.28	-20.32	-2.4	-1.5	-2.44	2.43		
47	170	255	0	92.42	-50.65	94.98		92.77	-48.63	87.26	0.35	-7.74	1.92	1.56		
48	0	170	255	65.04	-13.18	-55.97		65.66	-7.8	-52.69	0.62	-4.24	4.67	3.41		
49	0	255	170	89.2	-69.71	27.46		90.07	-63	29.04	0.87	-5.55	-4.09	2.21		
50	170	0	255	44.15	86.56	-89.5		43.31	85.6	-87.97	-0.84	-1.77	0.38	0.84		
51	255	170	0	77.08	24.91	89.54		75.44	22.96	77.49	-1.64	-12.12	-1.45	2.86		