

Colorimetric Report

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Test Device	LG 47LW579S
Target	Rec.709 (Gamma 2.2)
Display Profile	not considered
Rendering Intent	-

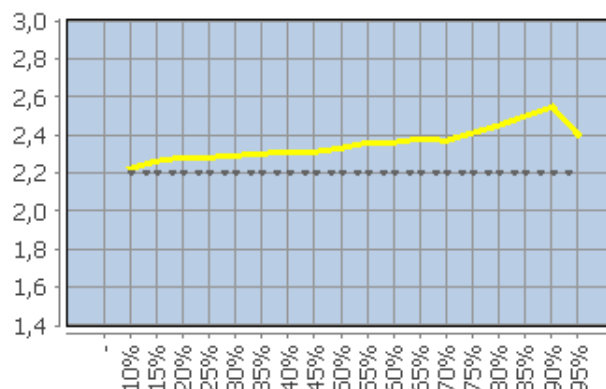
White Point / CCT Kelvin	8641K
White Point XYZ (normalized)	97.3 100.0 138.31
DeltaE to D50/ D65	37.6/ 17.06
DeltaE to Blackbody Curve *	4.07
Assumed Target Whitepoint	8600K
DeltaE to Assumed Target Whitepoint	4.17
Brightness / cd/m ² **	299.7
Black Point / cd/m ² **	0.3
Contrast / x:1	999:1
Gradation (Average)	2.35

* Based on CCT ** Measured with X-Rite DTP94 or comparable probe

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	8378	0.87	0.88	2.22
	15	9123	0.87	1.49	2.26
	20	9142	1.06	1.83	2.28
	25	9181	1.13	1.86	2.28
	30	9259	1.36	2.06	2.29
	35	9332	1.66	2.53	2.3
	40	9362	1.77	2.63	2.31
	45	9283	1.78	2.56	2.31
	50	9280	1.92	2.68	2.33
	55	9284	2.13	3.24	2.36
	60	9261	2.13	3.05	2.36
	65	9081	1.66	2.63	2.38
	70	8948	1.24	2.04	2.37
	75	8940	1.37	2.42	2.41
	80	8893	1.15	2.13	2.45
	85	8911	1.49	2.15	2.5
	90	8931	1.33	1.75	2.55
	95	8847	0.82	0.95	2.4
	100	8641	-	-	-
	Average	-	1.46*	2.24*	2.35
	Maximum	-	2.13*	3.24*	-
	Range	-	1.81*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB*	deltaC	deltaH	deltaL	deltaE94
	255 0 0	2.72	6.66	1.86	3.23
	0 255 0	0.75	9.42	1.45	3.67
	0 0 255	8.22	2.19	3.13	3.42
	0 255 255	5.82	1.01	0.24	1.89
	255 0 255	2.32	2.88	0.13	1.13
	255 255 0	9.0	2.04	0.93	2.09
	170 85 85	6.24	0.51	0.96	2.47
	85 170 85	9.95	5.01	1.64	4.19
	85 85 170	11.71	1.5	0.73	3.64
	85 170 170	0.11	1.73	0.86	1.5
	170 85 170	9.97	2.45	0.48	3.12
	170 170 85	11.49	0.98	2.73	4.67
	229 0 0	10.82	6.57	3.32	4.72
	204 0 0	14.05	5.88	5.85	6.96
	178 0 0	9.83	4.23	4.3	5.17
	153 0 0	7.29	3.14	3.38	4.08
	127 0 0	3.62	1.7	2.02	2.41
	102 0 0	2.26	1.09	1.79	2.02
	76 0 0	0.76	0.63	1.52	1.6
	0 229 0	5.94	8.82	3.19	4.71
	0 204 0	2.92	7.91	0.91	3.3
	0 178 0	1.7	6.98	0.07	2.95
	0 153 0	0.51	6.12	0.51	2.79
	0 127 0	0.55	5.06	0.96	2.62
	0 102 0	1.42	4.02	0.94	2.33
	0 76 0	3.17	2.68	0.98	2.08
	0 0 229	1.87	2.08	6.84	6.89
	0 0 204	11.94	1.99	10.36	10.56
	0 0 178	9.36	1.58	8.61	8.79
	0 0 153	7.49	1.32	7.42	7.58
	0 0 127	5.58	1.15	6.23	6.36
	0 0 102	4.32	1.0	5.22	5.35
	0 0 76	5.0	0.64	4.06	4.34
	0 229 229	4.16	1.49	3.54	3.89
	0 204 204	4.72	2.58	1.72	2.84
	0 178 178	4.58	2.47	0.91	2.47
	0 153 153	4.48	3.03	0.28	2.67
	0 127 127	4.15	2.82	0.14	2.63
	0 102 102	3.73	2.35	0.32	2.45
	0 76 76	3.25	1.84	0.36	2.22
	229 0 229	6.54	2.84	5.86	6.06
	204 0 204	11.03	4.0	7.91	8.33
	178 0 178	8.74	3.5	6.29	6.7
	153 0 153	7.32	3.24	5.28	5.72
	127 0 127	6.13	3.39	4.2	4.75
	102 0 102	4.99	3.16	3.33	3.97
	76 0 76	3.48	2.72	2.7	3.33

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	RGB*	deltaC	deltaH	deltaL	deltaE94
	229 229 0	7.49	1.0	1.59	2.22
	204 204 0	5.93	1.1	2.29	2.66
	178 178 0	4.66	1.11	2.68	2.94
	153 153 0	3.1	0.62	3.16	3.27
	127 127 0	2.09	0.1	2.88	2.94
	102 102 0	1.09	0.31	2.61	2.64
	76 76 0	0.92	0.25	2.4	2.43
	255 25 25	5.43	8.41	2.33	4.2
	255 51 51	5.34	7.1	2.81	4.25
	255 76 76	3.63	3.96	3.09	3.67
	255 102 102	2.5	1.39	3.15	3.29
	255 127 127	1.69	0.06	2.88	2.92
	255 153 153	1.77	1.02	2.75	2.89
	255 178 178	1.63	0.87	2.35	2.52
	255 204 204	1.56	0.83	1.82	2.11
	255 229 229	1.59	1.17	1.24	1.97
	25 255 25	2.13	9.76	1.61	3.88
	51 255 51	7.8	10.89	1.62	4.55
	76 255 76	12.59	10.93	1.61	5.09
	102 255 102	13.67	8.94	1.67	4.92
	127 255 127	13.03	6.58	1.69	4.52
	153 255 153	11.39	4.24	1.64	4.05
	178 255 178	9.23	2.39	1.48	3.59
	204 255 204	6.85	1.41	1.13	3.21
	229 255 229	3.9	0.02	0.77	2.41
	25 25 255	5.87	1.58	2.77	2.95
	51 51 255	2.77	0.71	1.83	1.89
	76 76 255	0.16	0.02	0.86	0.87
	102 102 255	1.5	0.18	0.1	0.33
	127 127 255	3.0	0.46	0.65	0.99
	153 153 255	3.65	0.29	1.14	1.56
	178 178 255	3.51	0.25	1.16	1.7
	204 204 255	3.47	0.07	1.33	2.08
	229 229 255	2.89	0.26	1.21	2.2
	25 255 255	5.52	1.18	0.13	1.84
	51 255 255	4.0	1.07	0.02	1.41
	76 255 255	2.21	0.94	0.03	0.92
	102 255 255	0.59	0.83	0.16	0.57
	127 255 255	0.74	0.72	0.28	0.61
	153 255 255	1.78	0.61	0.37	0.93
	178 255 255	2.52	0.53	0.44	1.34
	204 255 255	2.29	0.42	0.31	1.39
	229 255 255	2.01	0.24	0.37	1.51

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	RGB*	deltaC	deltaH	deltaL	deltaE94
	255 25 255	0.88	2.99	0.25	1.14
	255 51 255	1.1	2.91	0.71	1.32
	255 76 255	2.7	2.72	1.12	1.63
	255 102 255	3.7	2.54	1.39	1.91
	255 127 255	4.15	2.27	1.46	2.02
	255 153 255	4.61	1.95	1.58	2.23
	255 178 255	4.65	1.59	1.53	2.32
	255 204 255	4.04	1.13	1.23	2.22
	255 229 255	3.68	0.62	0.99	2.42
	255 255 25	10.24	2.11	1.03	2.36
	255 255 51	15.08	2.66	1.1	3.36
	255 255 76	19.77	2.88	0.95	4.46
	255 255 102	20.04	2.58	0.88	4.91
	255 255 127	17.6	2.02	0.8	4.82
	255 255 153	13.8	1.36	0.67	4.37
	255 255 178	10.63	0.88	0.59	4.01
	255 255 204	6.6	0.58	0.64	3.19
	255 255 229	3.31	0.28	0.52	2.18
	213 255 0	7.89	0.25	1.86	2.36
	159 191 0	5.24	0.67	2.55	2.81
	106 128 0	2.29	0.49	2.65	2.74
	0 255 85	7.95	14.38	1.33	5.92
	0 191 64	8.5	11.92	0.49	5.56
	0 128 42	4.86	8.81	0.83	4.76
	0 128 255	0.7	2.39	1.16	1.64
	0 96 191	12.89	7.83	2.75	6.11
	0 64 128	8.99	5.84	1.68	4.93
	170 0 255	5.1	3.62	4.35	4.6
	127 0 191	11.19	4.23	6.77	7.29
	85 0 128	7.15	3.02	4.57	5.08
	255 0 42	1.47	6.36	1.95	3.25
	191 0 32	11.97	7.63	4.7	6.43
	128 0 21	4.98	3.65	2.25	3.28
	170 85 0	7.3	2.67	1.24	2.65
	0 170 85	4.66	9.39	0.03	4.84
	85 0 170	9.22	2.87	6.43	6.78
	0 85 170	11.55	7.17	2.28	5.66
	170 0 85	4.06	0.41	4.16	4.3
	85 170 0	4.36	0.86	1.75	2.02
	123 127 127	1.22	1.71	2.29	3.05
	127 123 127	2.17	1.02	2.28	3.14
	127 127 123	1.46	0.27	2.33	2.69
	Average	5.6	2.93	2.14	3.42
	Maximum	20.04	14.38	10.36	10.56

* Compressed to video level if necessary