

Colorimetric Report

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Test Device	Dell_S2440L
Target	sRGB
Display Profile	not considered
Rendering Intent	-

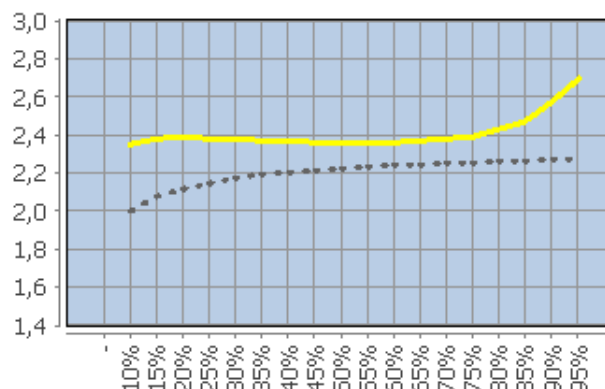
White Point / CCT Kelvin	7436K
White Point XYZ (normalized)	94.92 100.0 121.69
DeltaE to D50/ D65	27.77/ 7.56
DeltaE to Blackbody Curve *	0.03
Assumed Target Whitepoint	7400K
DeltaE to Assumed Target Whitepoint	0.25
Brightness / cd/m ² **	253.2
Black Point / cd/m ² **	0.062
Contrast / x:1	4084:1
Gradation (Average)	2.41

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	7055	0.27	4.78	2.35
	15	6723	1.12	5.71	2.38
	20	7074	0.9	5.21	2.39
	25	7004	1.21	4.46	2.38
	30	7090	1.05	3.78	2.38
	35	7174	0.84	3.51	2.37
	40	7193	0.89	2.98	2.37
	45	7236	0.75	2.45	2.36
	50	7267	0.69	2.07	2.36
	55	7314	0.47	2.11	2.36
	60	7323	0.47	1.72	2.36
	65	7350	0.42	1.47	2.37
	70	7339	0.5	1.24	2.38
	75	7380	0.34	1.3	2.39
	80	7406	0.71	1.4	2.43
	85	7404	0.87	1.4	2.47
	90	7424	1.27	1.62	2.58
	95	7627	2.22	2.4	2.69
	100	7436	-	-	-
	Average	-	0.87*	2.64*	2.41
	Maximum	-	2.22*	5.71*	-
	Range	-	3.36*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	6.56	4.61	5.72	6.11
	0 255 0	15.07	28.95	2.37	10.88
	0 0 255	15.04	8.03	0.82	3.52
	0 255 255	14.6	1.5	2.02	4.99
	255 0 255	10.01	9.49	4.98	6.28
	255 255 0	26.62	0.37	0.15	4.97
	170 85 85	3.83	1.77	3.94	4.34
	85 170 85	5.51	8.88	0.34	5.07
	85 85 170	10.62	6.09	4.19	6.29
	85 170 170	6.59	0.68	0.82	3.14
	170 85 170	6.7	3.4	4.5	5.22
	170 170 85	9.51	1.54	1.06	3.44
	229 0 0	8.57	1.53	5.4	5.66
	204 0 0	9.36	0.27	5.0	5.34
	178 0 0	9.89	1.74	4.66	5.19
	153 0 0	10.08	2.2	4.52	5.23
	127 0 0	9.8	2.73	4.48	5.39
	102 0 0	9.71	3.08	4.39	5.58
	76 0 0	9.57	3.81	4.44	6.13
	0 229 0	12.27	24.13	0.94	9.36
	0 204 0	10.67	21.09	0.44	8.61
	0 178 0	8.84	18.4	0.23	7.95
	0 153 0	6.9	16.08	0.98	7.43
	0 127 0	4.41	13.58	1.74	6.87
	0 102 0	1.23	10.87	2.87	6.36
	0 76 0	4.56	6.26	4.12	5.64
	0 0 229	22.53	13.24	4.52	7.34
	0 0 204	20.23	12.67	4.73	7.45
	0 0 178	17.65	11.79	4.94	7.49
	0 0 153	13.86	10.41	4.68	6.97
	0 0 127	10.46	9.17	4.65	6.65
	0 0 102	3.88	6.35	3.93	5.12
	0 0 76	6.04	1.6	2.23	2.98
	0 229 229	14.11	3.45	0.08	5.02
	0 204 204	12.63	3.16	0.42	4.78
	0 178 178	11.41	2.99	1.04	4.72
	0 153 153	10.39	3.08	1.74	4.89
	0 127 127	9.45	3.05	2.44	5.16
	0 102 102	8.63	3.21	3.49	5.8
	0 76 76	7.81	3.29	4.7	6.68
	229 0 229	11.5	6.18	6.15	6.89
	204 0 204	9.73	4.74	5.85	6.41
	178 0 178	7.4	3.38	5.38	5.77
	153 0 153	5.33	2.51	5.22	5.48
	127 0 127	2.95	1.5	4.96	5.07
	102 0 102	0.35	0.55	4.84	4.85
	76 0 76	2.2	0.09	5.0	5.05

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	21.33	0.82	0.63	4.31
	204 204 0	18.5	1.58	0.65	4.07
	178 178 0	15.67	1.91	0.83	3.82
	153 153 0	13.04	2.32	1.26	3.7
	127 127 0	10.37	2.55	1.74	3.63
	102 102 0	7.38	2.4	2.59	3.72
	76 76 0	2.54	2.87	3.86	4.35
	255 25 25	4.21	6.31	6.06	6.62
	255 51 51	5.09	6.32	5.74	6.43
	255 76 76	6.93	5.62	5.05	5.87
	255 102 102	8.13	5.06	4.17	5.3
	255 127 127	8.43	4.42	3.31	4.79
	255 153 153	7.53	3.44	2.67	4.3
	255 178 178	6.06	2.45	2.16	3.75
	255 204 204	3.96	1.06	1.77	2.88
	255 229 229	1.39	0.42	1.53	1.85
	25 255 25	15.18	28.26	2.26	10.76
	51 255 51	12.33	25.17	2.14	9.87
	76 255 76	8.35	21.09	1.98	8.65
	102 255 102	4.83	17.01	1.78	7.45
	127 255 127	2.48	13.55	1.52	6.43
	153 255 153	1.01	10.37	1.2	5.46
	178 255 178	0.1	7.83	0.86	4.63
	204 255 204	0.41	5.28	0.41	3.6
	229 255 229	0.61	2.99	0.08	2.43
	25 25 255	17.57	8.81	1.88	4.39
	51 51 255	18.36	9.05	2.48	5.03
	76 76 255	16.65	8.23	2.4	4.97
	102 102 255	13.61	6.7	1.91	4.42
	127 127 255	10.62	5.08	1.37	3.75
	153 153 255	8.23	3.56	1.06	3.21
	178 178 255	6.14	2.31	0.78	2.68
	204 204 255	4.35	1.12	0.66	2.22
	229 229 255	2.95	0.39	0.72	2.0
	25 255 255	14.28	1.47	1.95	4.91
	51 255 255	13.75	1.4	1.91	4.82
	76 255 255	13.03	1.35	1.84	4.72
	102 255 255	12.02	1.29	1.73	4.59
	127 255 255	10.69	1.2	1.58	4.37
	153 255 255	8.96	1.07	1.37	4.04
	178 255 255	7.11	0.94	1.11	3.62
	204 255 255	4.78	0.75	0.75	2.88
	229 255 255	2.35	0.49	0.35	1.77

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Target	sRGB
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Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	10.58	9.41	5.24	6.52
	255 51 255	9.77	9.29	4.98	6.32
	255 76 255	7.95	9.09	4.4	5.87
	255 102 255	5.7	8.75	3.64	5.32
	255 127 255	3.64	8.2	2.89	4.83
	255 153 255	2.2	7.32	2.26	4.42
	255 178 255	1.25	6.2	1.72	4.01
	255 204 255	0.9	4.7	1.31	3.46
	255 229 255	1.11	2.84	1.06	2.6
	255 255 25	26.46	0.45	0.06	5.03
	255 255 51	23.31	0.05	0.03	4.62
	255 255 76	18.55	0.48	0.01	3.93
	255 255 102	13.97	0.82	0.05	3.27
	255 255 127	10.26	0.91	0.11	2.73
	255 255 153	7.34	0.74	0.2	2.29
	255 255 178	5.04	0.39	0.29	1.88
	255 255 204	3.03	0.08	0.4	1.46
	255 255 229	1.37	0.6	0.49	1.11
	213 255 0	24.44	7.49	0.7	5.46
	159 191 0	17.11	3.21	0.28	4.03
	106 128 0	11.07	1.12	1.58	3.46
	0 255 85	3.98	22.81	2.16	9.17
	0 191 64	4.95	17.2	0.07	7.72
	0 128 42	3.31	13.1	2.03	7.17
	0 128 255	12.96	13.55	1.92	7.38
	0 96 191	14.05	15.42	4.51	10.18
	0 64 128	12.07	13.57	5.58	10.86
	170 0 255	13.3	1.45	2.84	3.55
	127 0 191	13.29	1.94	5.33	5.93
	85 0 128	6.64	1.58	5.35	5.62
	255 0 42	4.68	7.19	5.91	6.66
	191 0 32	5.31	3.94	4.81	5.28
	128 0 21	5.49	2.3	4.06	4.52
	170 85 0	2.41	5.97	3.99	5.08
	0 170 85	0.62	12.6	0.79	6.41
	85 0 170	13.43	4.84	5.49	6.41
	0 85 170	13.73	14.97	4.97	10.52
	170 0 85	4.66	0.6	4.82	4.98
	85 170 0	13.23	10.7	0.28	5.64
	123 127 127	0.33	0.77	2.09	2.24
	127 123 127	0.14	0.31	2.3	2.32
	127 127 123	1.13	0.02	2.11	2.35
	Average	8.95	5.99	2.59	5.19
	Maximum	26.62	28.95	6.15	10.88

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Test Device	Dell_S2440L
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Rendering Intent	-

Property	Device adjustments
Backlight brightness	
Brightness	75
Contrast	75
RGB Gain	
Gradation	
Other	Werkseinstellung Standard