

Colorimetric Report

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Test Device	BenQ_BL2710PT
Target	sRGB
Display Profile	not considered
Rendering Intent	-

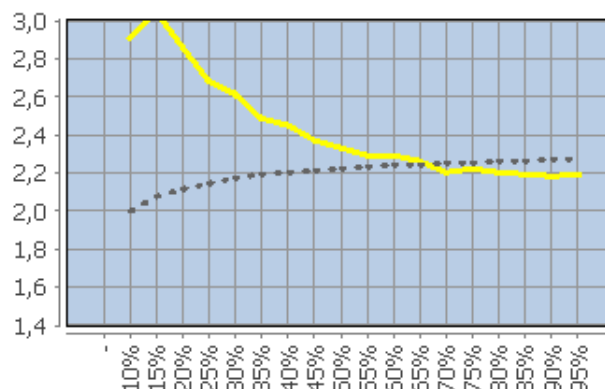
White Point / CCT Kelvin	6133K
White Point XYZ (normalized)	92.62 100.0 98.29
DeltaE to D50/ D65	13.73/ 7.96
DeltaE to Blackbody Curve *	5.45
Assumed Target Whitepoint	6100K
DeltaE to Assumed Target Whitepoint	5.29
Brightness / cd/m ² **	340.3
Black Point / cd/m ² **	0.34
Contrast / x:1	1001:1
Gradation (Average)	2.43

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	10367	1.27	7.91	2.91
	15	7079	1.05	12.53	3.05
	20	6320	0.91	12.28	2.86
	25	6185	0.22	9.29	2.68
	30	6171	0.34	7.55	2.61
	35	6185	0.3	5.57	2.49
	40	6164	0.36	4.28	2.45
	45	6154	0.41	2.5	2.37
	50	6170	0.48	1.6	2.33
	55	6154	0.35	1.09	2.29
	60	6155	0.19	0.76	2.29
	65	6152	0.16	0.18	2.26
	70	6136	0.1	0.69	2.2
	75	6134	0.08	0.27	2.22
	80	6129	0.05	0.47	2.2
	85	6130	0.05	0.47	2.19
	90	6129	0.08	0.48	2.18
	95	6126	0.07	0.09	2.19
	100	6133	-	-	-
	Average	-	0.26*	2.97*	2.43
	Maximum	-	0.91*	12.28*	-
	Range	-	1.01*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	19.59	8.21	3.9	6.1
	0 255 0	22.66	9.22	9.0	10.22
	0 0 255	19.62	2.99	3.32	4.45
	0 255 255	3.08	1.0	7.95	8.03
	255 0 255	16.21	2.22	3.48	4.43
	255 255 0	24.41	2.25	7.33	8.68
	170 85 85	43.31	11.05	3.59	17.73
	85 170 85	48.77	10.15	9.73	17.76
	85 85 170	57.13	10.88	11.64	21.66
	85 170 170	11.26	0.18	3.19	6.02
	170 85 170	38.82	0.23	6.94	13.03
	170 170 85	43.13	3.24	4.6	15.1
	229 0 0	27.93	8.07	9.27	11.15
	204 0 0	29.07	7.21	10.77	12.64
	178 0 0	25.07	5.51	9.78	11.48
	153 0 0	20.43	4.11	8.26	9.8
	127 0 0	15.17	2.74	6.63	7.91
	102 0 0	10.19	1.63	4.8	5.8
	76 0 0	1.4	0.44	1.26	1.38
	0 229 0	31.94	8.84	17.05	18.18
	0 204 0	33.19	8.45	18.86	20.07
	0 178 0	30.3	7.69	17.37	18.64
	0 153 0	25.29	6.66	14.37	15.64
	0 127 0	21.01	5.55	12.1	13.36
	0 102 0	14.72	4.31	8.56	9.68
	0 76 0	4.37	2.39	2.37	3.05
	0 0 229	30.13	2.89	7.05	8.48
	0 0 204	31.52	2.28	8.25	9.77
	0 0 178	27.38	1.81	7.51	8.99
	0 0 153	23.51	1.49	6.64	8.1
	0 0 127	19.29	1.17	5.7	7.1
	0 0 102	11.93	0.66	4.08	5.03
	0 0 76	5.24	1.29	1.8	2.48
	0 229 229	2.63	0.03	7.71	7.76
	0 204 204	2.92	1.22	7.49	7.6
	0 178 178	1.94	1.12	6.65	6.73
	0 153 153	1.13	1.27	4.9	4.99
	0 127 127	1.52	1.18	4.25	4.37
	0 102 102	0.53	1.1	1.07	1.36
	0 76 76	1.99	0.4	2.13	2.38
	229 0 229	14.57	1.58	3.57	4.41
	204 0 204	14.45	2.08	3.74	4.68
	178 0 178	12.37	1.72	3.19	4.11
	153 0 153	10.16	1.62	2.39	3.35
	127 0 127	8.49	1.48	2.06	3.01
	102 0 102	3.8	0.86	0.33	1.18
	76 0 76	2.63	0.07	1.92	2.09

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	23.21	1.3	7.43	8.77
	204 204 0	21.57	0.76	7.18	8.54
	178 178 0	18.99	2.27	6.53	7.94
	153 153 0	15.53	2.08	4.7	6.19
	127 127 0	11.84	1.08	3.2	4.62
	102 102 0	6.87	0.85	0.7	2.3
	76 76 0	1.23	1.51	3.43	3.58
	255 25 25	25.52	12.56	3.02	7.52
	255 51 51	35.13	18.32	1.12	10.57
	255 76 76	46.1	22.94	1.84	14.81
	255 102 102	51.45	21.27	5.45	17.69
	255 127 127	41.29	10.46	6.64	14.94
	255 153 153	31.92	3.73	5.98	12.84
	255 178 178	22.98	2.74	3.37	10.46
	255 204 204	16.79	2.42	2.65	9.55
	255 229 229	7.27	0.91	0.67	5.21
	25 255 25	25.0	9.81	8.82	10.31
	51 255 51	30.67	11.07	8.49	10.73
	76 255 76	39.27	12.69	7.96	11.69
	102 255 102	48.48	13.48	7.23	13.2
	127 255 127	49.03	11.13	6.73	13.73
	153 255 153	43.43	7.2	6.44	13.5
	178 255 178	35.65	4.06	6.4	13.16
	204 255 204	23.9	2.09	4.24	10.76
	229 255 229	10.73	0.67	2.8	6.83
	25 25 255	24.83	4.73	1.44	4.25
	51 51 255	35.66	8.13	2.76	6.94
	76 76 255	49.62	12.03	8.53	13.09
	102 102 255	61.59	14.42	14.28	19.92
	127 127 255	57.76	11.81	14.5	20.66
	153 153 255	46.24	7.15	11.4	17.79
	178 178 255	35.55	3.9	7.68	14.76
	204 204 255	22.14	1.77	4.48	11.02
	229 229 255	10.21	0.19	1.39	6.52
	25 255 255	2.74	1.3	7.34	7.43
	51 255 255	5.33	0.06	8.39	8.56
	76 255 255	7.68	0.72	7.43	7.86
	102 255 255	10.56	0.27	5.58	6.68
	127 255 255	14.15	0.29	4.0	6.65
	153 255 255	14.91	0.56	2.54	6.72
	178 255 255	14.3	0.69	1.87	7.07
	204 255 255	9.88	0.29	1.12	5.73
	229 255 255	5.81	0.17	1.26	4.35

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Test Device	BenQ_BL2710PT
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Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	18.33	1.94	2.98	4.29
	255 51 255	24.41	1.88	2.01	4.66
	255 76 255	30.35	0.58	0.66	5.51
	255 102 255	39.93	0.37	4.88	9.27
	255 127 255	49.71	0.01	8.77	14.08
	255 153 255	49.36	0.22	10.25	16.42
	255 178 255	39.18	0.01	8.75	15.14
	255 204 255	25.43	0.55	5.86	11.96
	255 229 255	13.12	0.5	2.28	7.94
	255 255 25	26.39	2.47	7.24	8.87
	255 255 51	32.29	2.4	8.25	10.49
	255 255 76	38.89	2.85	7.47	11.18
	255 255 102	47.3	4.48	6.25	12.84
	255 255 127	54.04	5.09	5.08	15.25
	255 255 153	46.02	3.45	3.69	14.63
	255 255 178	34.94	1.89	3.13	13.19
	255 255 204	21.35	1.2	2.12	10.14
	255 255 229	9.66	0.33	1.65	6.3
	213 255 0	26.09	2.26	7.83	9.23
	159 191 0	23.34	3.7	7.98	9.62
	106 128 0	15.77	4.74	4.49	6.7
	0 255 85	37.62	20.74	8.59	13.51
	0 191 64	43.09	18.52	16.48	20.54
	0 128 42	30.41	13.86	11.1	15.51
	0 128 255	51.85	28.2	10.02	20.65
	0 96 191	58.49	28.29	7.36	23.37
	0 64 128	48.22	24.2	7.77	23.64
	170 0 255	22.7	7.61	1.31	4.64
	127 0 191	23.99	8.75	0.14	5.72
	85 0 128	17.39	8.72	1.52	6.05
	255 0 42	27.97	21.14	3.62	10.75
	191 0 32	34.3	18.91	9.93	15.36
	128 0 21	20.09	11.7	6.41	10.67
	170 85 0	31.23	20.44	1.28	13.38
	0 170 85	41.27	21.97	12.92	19.97
	85 0 170	27.28	7.51	0.32	6.18
	0 85 170	55.62	26.88	7.25	23.39
	170 0 85	22.52	39.31	6.14	21.99
	85 170 0	30.97	5.01	11.59	13.58
	123 127 127	2.19	0.7	1.61	2.7
	127 123 127	5.51	0.31	3.02	5.75
	127 127 123	2.32	0.01	1.3	2.47
	Average	24.85	5.93	5.9	10.02
	Maximum	61.59	39.31	18.86	23.64