

Colorimetric Report

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Test Device	BenQ_BL3200PT
Target	sRGB
Display Profile	not considered
Rendering Intent	-

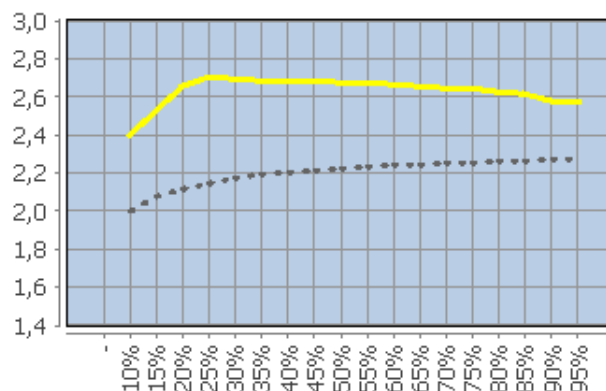
White Point / CCT Kelvin	6801K
White Point XYZ (normalized)	94.5 100.0 112.42
DeltaE to D50/ D65	21.97/ 2.35
DeltaE to Blackbody Curve *	0.92
Assumed Target Whitepoint	6800K
DeltaE to Assumed Target Whitepoint	0.92
Brightness / cd/m ² **	279.2
Black Point / cd/m ² **	0.12
Contrast / x:1	2327:1
Gradation (Average)	2.63

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	9038	1.66	5.46	2.4
	15	7887	1.83	8.13	2.53
	20	7302	1.07	9.37	2.65
	25	7122	0.82	9.61	2.7
	30	6974	0.56	8.98	2.69
	35	6865	0.28	8.57	2.68
	40	6833	0.15	8.01	2.68
	45	6792	0.1	7.28	2.68
	50	6771	0.13	6.58	2.67
	55	6776	0.11	6.38	2.67
	60	6785	0.09	5.52	2.66
	65	6778	0.13	4.66	2.65
	70	6770	0.21	3.76	2.64
	75	6759	0.3	3.49	2.64
	80	6744	0.45	2.59	2.62
	85	6749	0.41	1.88	2.61
	90	6748	0.46	1.08	2.58
	95	6766	0.32	0.77	2.58
	100	6801	-	-	-
	Average	-	0.35*	5.53*	2.63
	Maximum	-	1.07*	9.61*	-
	Range	-	1.53*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	8.6	9.32	1.59	4.24
	0 255 0	9.99	10.43	0.47	4.07
	0 0 255	8.79	2.97	1.19	1.99
	0 255 255	1.93	0.13	0.54	0.8
	255 0 255	6.33	3.02	1.78	2.33
	255 255 0	16.19	1.99	0.14	3.13
	170 85 85	4.87	1.03	6.82	7.08
	85 170 85	8.05	3.65	4.55	5.46
	85 85 170	9.6	2.84	7.99	8.65
	85 170 170	0.97	0.62	4.5	4.54
	170 85 170	7.54	0.78	6.62	6.97
	170 170 85	8.17	0.78	4.56	5.32
	229 0 0	5.27	7.2	2.15	3.78
	204 0 0	2.16	5.32	2.88	3.71
	178 0 0	1.44	3.04	3.71	3.97
	153 0 0	4.86	0.89	4.47	4.64
	127 0 0	7.63	1.16	4.98	5.42
	102 0 0	9.51	2.81	5.53	6.45
	76 0 0	11.21	5.41	6.26	8.21
	0 229 0	7.26	8.36	1.08	3.54
	0 204 0	4.51	6.92	2.52	3.82
	0 178 0	1.79	5.77	4.06	4.74
	0 153 0	0.9	4.77	5.51	5.91
	0 127 0	3.4	3.67	6.74	7.02
	0 102 0	5.99	2.33	7.86	8.11
	0 76 0	10.72	1.04	9.03	9.63
	0 0 229	6.95	3.68	2.35	2.88
	0 0 204	4.86	3.77	3.09	3.49
	0 0 178	2.51	3.62	3.64	3.94
	0 0 153	0.14	3.31	4.16	4.38
	0 0 127	2.66	3.05	4.54	4.78
	0 0 102	7.87	0.92	4.0	4.46
	0 0 76	16.16	4.12	2.54	5.85
	0 229 229	1.57	1.41	0.86	1.3
	0 204 204	1.62	1.94	2.14	2.51
	0 178 178	1.99	1.97	3.55	3.83
	0 153 153	2.43	1.95	5.0	5.25
	0 127 127	2.85	1.96	6.27	6.53
	0 102 102	3.21	1.81	7.36	7.62
	0 76 76	3.35	1.73	8.57	8.84
	229 0 229	4.67	2.23	2.65	2.9
	204 0 204	3.02	2.04	3.48	3.62
	178 0 178	1.16	2.01	4.3	4.39
	153 0 153	0.74	1.94	5.23	5.31
	127 0 127	2.81	1.6	5.82	5.92
	102 0 102	4.48	1.61	6.42	6.59
	76 0 76	6.03	1.78	7.16	7.48

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	12.43	1.98	1.6	3.07
	204 204 0	9.21	1.97	3.02	3.71
	178 178 0	5.97	1.93	4.57	4.86
	153 153 0	2.99	1.75	6.09	6.2
	127 127 0	0.08	1.71	7.36	7.41
	102 102 0	3.04	1.55	8.43	8.53
	76 76 0	8.42	0.63	9.77	10.23
	255 25 25	8.8	8.35	2.05	4.26
	255 51 51	10.19	7.59	3.02	4.87
	255 76 76	9.87	5.09	3.89	5.04
	255 102 102	8.68	2.66	4.37	5.07
	255 127 127	7.39	1.29	4.44	4.99
	255 153 153	5.62	0.31	4.05	4.5
	255 178 178	3.71	0.02	3.26	3.62
	255 204 204	2.04	0.19	2.27	2.53
	255 229 229	0.8	0.28	1.25	1.39
	25 255 25	11.04	10.44	0.47	4.2
	51 255 51	13.4	10.62	0.3	4.57
	76 255 76	14.71	9.96	0.12	4.71
	102 255 102	14.39	8.46	0.07	4.54
	127 255 127	13.24	6.87	0.22	4.31
	153 255 153	11.17	5.11	0.35	3.92
	178 255 178	8.45	3.68	0.37	3.43
	204 255 204	5.63	2.52	0.34	2.89
	229 255 229	2.85	1.41	0.26	2.02
	25 25 255	11.23	3.59	2.11	2.95
	51 51 255	15.45	4.66	3.95	4.94
	76 76 255	17.23	4.66	5.16	6.25
	102 102 255	16.22	3.66	5.4	6.51
	127 127 255	14.03	2.43	5.06	6.16
	153 153 255	11.2	1.2	4.34	5.41
	178 178 255	8.15	0.43	3.24	4.31
	204 204 255	5.21	0.01	2.09	3.15
	229 229 255	2.63	0.08	1.08	1.97
	25 255 255	1.64	0.12	0.42	0.66
	51 255 255	0.9	0.11	0.32	0.43
	76 255 255	0.05	0.07	0.18	0.18
	102 255 255	0.64	0.08	0.06	0.23
	127 255 255	1.19	0.04	0.05	0.45
	153 255 255	1.47	0.04	0.13	0.63
	178 255 255	1.3	0.05	0.14	0.63
	204 255 255	0.92	0.07	0.13	0.54
	229 255 255	0.45	0.06	0.1	0.34

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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	7.17	2.81	2.03	2.57
	255 51 255	9.29	2.63	2.68	3.27
	255 76 255	11.1	2.45	3.27	3.95
	255 102 255	11.81	2.34	3.6	4.4
	255 127 255	11.47	2.21	3.62	4.54
	255 153 255	10.01	2.07	3.3	4.34
	255 178 255	7.63	1.89	2.66	3.75
	255 204 255	4.95	1.54	1.85	2.93
	255 229 255	2.44	1.0	1.02	1.91
	255 255 25	16.52	1.82	0.11	3.23
	255 255 51	17.74	1.91	0.15	3.61
	255 255 76	17.71	1.82	0.18	3.84
	255 255 102	16.17	1.51	0.22	3.84
	255 255 127	14.18	1.18	0.27	3.77
	255 255 153	11.36	0.82	0.29	3.51
	255 255 178	8.41	0.52	0.31	3.1
	255 255 204	5.68	0.31	0.31	2.65
	255 255 229	2.98	0.18	0.28	1.9
	213 255 0	14.9	3.2	0.28	3.04
	159 191 0	6.76	1.34	4.1	4.4
	106 128 0	0.14	0.55	7.4	7.41
	0 255 85	13.12	13.06	0.37	5.59
	0 191 64	8.05	9.54	2.94	5.44
	0 128 42	1.08	5.9	6.02	6.76
	0 128 255	13.11	9.24	4.26	6.84
	0 96 191	8.75	8.77	6.76	8.58
	0 64 128	4.7	7.78	8.31	9.72
	170 0 255	8.87	3.44	3.24	3.73
	127 0 191	4.55	2.46	5.21	5.37
	85 0 128	0.82	2.26	6.46	6.55
	255 0 42	7.21	10.24	1.78	4.75
	191 0 32	1.25	6.66	3.43	4.64
	128 0 21	4.82	2.23	5.09	5.41
	170 85 0	4.39	4.47	7.08	7.53
	0 170 85	5.58	8.47	4.01	6.03
	85 0 170	3.71	1.26	5.64	5.71
	0 85 170	7.55	8.52	7.32	9.01
	170 0 85	3.35	5.98	4.48	5.51
	85 170 0	3.75	1.38	5.13	5.23
	123 127 127	0.09	0.05	6.86	6.86
	127 123 127	0.55	0.03	7.01	7.02
	127 127 123	0.47	0.08	6.83	6.84
	Average	6.57	3.09	3.43	4.58
	Maximum	17.74	13.06	9.77	10.23