

Colorimetric Report

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Test Device	BenQ EW2730V
Target	sRGB
Display Profile	not considered
Rendering Intent	-

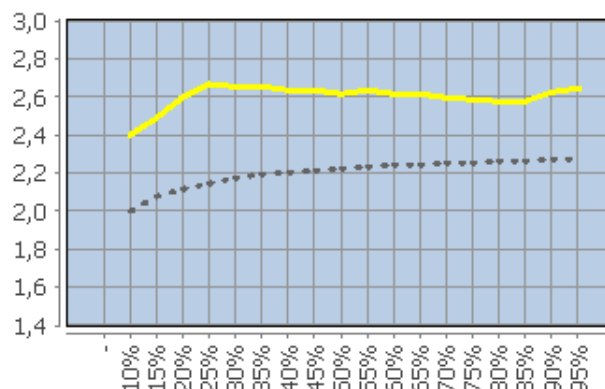
White Point / CCT Kelvin	7649K
White Point XYZ (normalized)	92.83 100.0 120.96
DeltaE to D50/ D65	27.91/ 8.14
DeltaE to Blackbody Curve *	4.17
Assumed Target Whitepoint	7600K
DeltaE to Assumed Target Whitepoint	4.04
Brightness / cd/m ² **	335.9
Black Point / cd/m ² **	0.13
Contrast / x:1	2584:1
Gradation (Average)	2.6

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	7668	0.1	5.23	2.4
	15	7860	0.71	7.36	2.49
	20	7786	0.4	8.53	2.6
	25	7646	0.78	9.06	2.66
	30	7618	0.84	8.37	2.65
	35	7693	1.11	8.19	2.65
	40	7604	1.43	7.41	2.63
	45	7632	1.45	6.69	2.63
	50	7606	1.41	5.87	2.61
	55	7593	1.37	6.01	2.63
	60	7506	1.94	5.21	2.61
	65	7490	2.42	4.87	2.61
	70	7597	2.02	3.98	2.6
	75	7621	1.52	3.4	2.59
	80	7611	1.55	2.76	2.58
	85	7590	1.7	2.37	2.58
	90	7582	1.4	1.8	2.62
	95	7581	1.11	1.38	2.64
	100	7650	-	-	-
	Average	-	1.4*	5.37*	2.6
	Maximum	-	2.42*	9.06*	-
	Range	-	2.16*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	3.87	3.59	5.54	5.76
	0 255 0	12.42	25.94	2.83	9.89
	0 0 255	11.78	5.65	0.29	2.53
	0 255 255	12.63	0.39	2.53	4.64
	255 0 255	9.37	8.65	4.5	5.71
	255 255 0	23.27	0.75	0.58	4.39
	170 85 85	1.23	1.22	8.0	8.05
	85 170 85	8.27	8.79	2.98	6.09
	85 85 170	10.82	4.75	8.04	9.08
	85 170 170	3.81	1.92	3.34	4.01
	170 85 170	7.3	3.45	8.09	8.56
	170 170 85	11.22	1.61	3.93	5.49
	229 0 0	6.6	1.2	5.77	5.92
	204 0 0	8.35	0.49	5.85	6.09
	178 0 0	10.02	1.73	6.26	6.68
	153 0 0	10.86	2.66	6.31	6.94
	127 0 0	11.76	3.67	6.5	7.47
	102 0 0	12.67	5.09	6.9	8.43
	76 0 0	13.64	6.18	6.86	9.31
	0 229 0	9.95	21.66	1.51	8.46
	0 204 0	7.49	18.66	0.09	7.53
	0 178 0	4.48	15.92	1.61	6.96
	0 153 0	1.95	13.65	3.05	6.86
	0 127 0	0.54	11.47	4.28	7.0
	0 102 0	4.3	8.59	5.91	7.51
	0 76 0	10.22	3.71	7.58	8.48
	0 0 229	13.36	8.14	2.66	4.4
	0 0 204	11.65	8.15	3.36	4.91
	0 0 178	8.35	7.69	4.1	5.31
	0 0 153	5.24	6.99	4.46	5.44
	0 0 127	2.38	6.05	4.47	5.28
	0 0 102	4.34	3.48	4.03	4.51
	0 0 76	14.01	2.28	2.6	5.03
	0 229 229	11.11	0.99	0.83	3.75
	0 204 204	10.3	0.53	0.63	3.61
	0 178 178	9.56	0.76	2.36	4.26
	0 153 153	9.0	0.55	3.77	5.19
	0 127 127	8.54	0.01	4.92	6.12
	0 102 102	8.19	0.4	6.51	7.54
	0 76 76	7.88	1.05	8.1	9.1
	229 0 229	8.27	6.57	5.71	6.41
	204 0 204	6.56	5.62	6.11	6.64
	178 0 178	3.7	4.56	6.7	7.02
	153 0 153	1.23	3.47	6.85	7.04
	127 0 127	0.72	3.05	7.12	7.27
	102 0 102	3.51	2.33	7.43	7.6
	76 0 76	5.98	1.73	7.82	8.11

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	18.81	1.1	0.61	3.82
	204 204 0	14.98	1.72	1.77	3.74
	178 178 0	11.25	2.19	3.27	4.3
	153 153 0	8.01	2.02	4.4	4.95
	127 127 0	5.04	2.25	5.46	5.76
	102 102 0	1.34	2.36	6.89	7.03
	76 76 0	4.91	2.73	8.36	8.71
	255 25 25	1.31	5.13	5.8	6.16
	255 51 51	0.69	5.53	6.43	6.86
	255 76 76	1.36	4.9	6.92	7.28
	255 102 102	0.08	3.65	6.63	6.88
	255 127 127	1.22	2.92	5.9	6.13
	255 153 153	1.64	2.8	5.12	5.44
	255 178 178	1.94	2.56	4.03	4.47
	255 204 204	1.94	1.71	2.68	3.16
	255 229 229	0.96	1.53	1.5	2.12
	25 255 25	12.54	25.53	2.2	9.72
	51 255 51	13.41	24.22	2.0	9.54
	76 255 76	13.65	21.93	1.72	9.11
	102 255 102	12.25	18.33	1.41	8.21
	127 255 127	11.07	15.04	1.09	7.41
	153 255 153	9.07	11.48	0.75	6.38
	178 255 178	7.29	8.26	0.39	5.33
	204 255 204	4.43	5.25	0.13	3.99
	229 255 229	2.75	2.88	0.15	2.81
	25 25 255	14.33	6.5	1.6	3.46
	51 51 255	18.64	7.65	3.48	5.34
	76 76 255	20.88	7.75	4.95	6.87
	102 102 255	18.89	6.2	5.07	6.88
	127 127 255	15.62	4.3	4.52	6.18
	153 153 255	12.57	2.61	3.94	5.5
	178 178 255	9.22	0.96	3.07	4.48
	204 204 255	5.7	0.07	1.92	3.21
	229 229 255	2.91	0.57	1.03	2.14
	25 255 255	12.46	0.92	1.95	4.36
	51 255 255	11.5	0.86	1.8	4.1
	76 255 255	10.15	0.79	1.62	3.74
	102 255 255	8.66	0.73	1.4	3.35
	127 255 255	7.19	0.66	1.19	2.98
	153 255 255	5.51	0.58	0.94	2.51
	178 255 255	3.8	0.5	0.66	1.95
	204 255 255	2.43	0.42	0.41	1.48
	229 255 255	1.01	0.32	0.13	0.79

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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	9.98	8.64	5.02	6.17
	255 51 255	11.61	8.38	5.51	6.67
	255 76 255	12.89	8.04	5.9	7.1
	255 102 255	12.37	7.7	5.76	7.06
	255 127 255	10.65	7.24	5.19	6.6
	255 153 255	8.79	6.54	4.51	6.07
	255 178 255	6.35	5.62	3.55	5.22
	255 204 255	3.61	4.32	2.33	4.01
	255 229 255	1.65	2.6	1.26	2.62
	255 255 25	23.23	1.03	0.03	4.43
	255 255 51	23.46	1.04	0.06	4.67
	255 255 76	22.85	0.94	0.11	4.85
	255 255 102	20.13	0.6	0.19	4.7
	255 255 127	17.02	0.29	0.25	4.46
	255 255 153	14.06	0.12	0.32	4.3
	255 255 178	10.86	0.05	0.39	3.99
	255 255 204	6.81	0.09	0.4	3.18
	255 255 229	4.01	0.23	0.41	2.56
	213 255 0	21.37	5.84	0.42	4.6
	159 191 0	13.34	1.47	2.26	3.75
	106 128 0	5.5	0.36	5.26	5.47
	0 255 85	10.1	25.17	2.52	10.27
	0 191 64	7.04	18.29	1.0	8.33
	0 128 42	0.66	12.17	4.56	7.8
	0 128 255	16.32	14.39	3.62	8.63
	0 96 191	13.99	14.79	6.61	11.02
	0 64 128	10.25	12.82	8.34	12.0
	170 0 255	12.77	4.22	4.09	4.79
	127 0 191	9.11	1.42	6.31	6.56
	85 0 128	2.14	1.36	7.16	7.21
	255 0 42	1.38	7.33	5.56	6.32
	191 0 32	5.19	3.69	6.03	6.38
	128 0 21	7.55	1.43	6.46	6.85
	170 85 0	3.72	0.14	7.86	7.92
	0 170 85	1.93	14.45	2.65	7.77
	85 0 170	7.39	1.27	6.73	6.9
	0 85 170	11.55	13.7	7.41	11.17
	170 0 85	6.36	2.86	6.69	7.05
	85 170 0	8.58	7.8	2.8	4.88
	123 127 127	1.59	1.28	6.02	6.32
	127 123 127	1.68	0.12	6.25	6.42
	127 127 123	2.34	0.76	5.99	6.39
	Average	8.55	5.36	3.85	5.94
	Maximum	23.46	25.94	8.36	12.0