

Colorimetric Report

Page (1/4)



CCalc 2.0
Copyright © 2011, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Test Device	Acer XB270HABPRZ
Target	sRGB
Display Profile	not considered
Rendering Intent	-

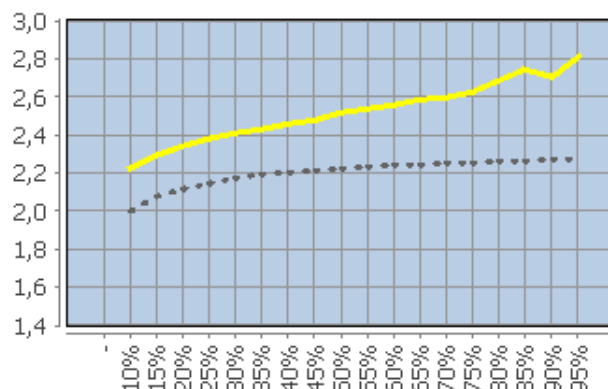
White Point / CCT Kelvin	6671K
White Point XYZ (normalized)	99.62 100.0 119.48
DeltaE to D50/ D65	26.82/ 10.09
Assumed Target Whitepoint*	6700K
DeltaE to Assumed Target Whitepoint	9.21
Brightness / cd/m ² **	296.0
Black Point / cd/m ² **	0.3
Contrast / x:1	987:1
Gradation (Average)	2.52

* Daylight ** Measured with X-Rite DTP94 or comparable probe

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	6980	0.41	3.29	2.22
	15	6658	0.92	4.17	2.29
	20	6689	1.07	4.3	2.34
	25	6829	1.17	4.34	2.38
	30	6787	0.46	4.27	2.41
	35	6866	0.59	4.59	2.43
	40	6795	0.39	4.4	2.46
	45	6798	0.5	4.23	2.48
	50	6854	0.74	4.44	2.52
	55	6844	0.84	4.64	2.54
	60	6783	0.49	4.26	2.56
	65	6780	0.66	3.97	2.59
	70	6783	0.64	3.48	2.6
	75	6805	0.74	3.34	2.62
	80	6839	0.97	3.13	2.68
	85	6817	0.95	2.73	2.74
	90	6762	0.56	1.54	2.7
	95	6703	0.21	1.15	2.81
	100	6671	-	-	-
	Average	-	0.7*	3.7*	2.52
	Maximum	-	1.17*	4.64*	-
	Range	-	1.72*	-	-

* Only luminance > 1% considered
Without Black Point Consideration

Corresponding Gamma



Colorimetric Report

Page (2/4)



CCalc 2.0
Copyright © 2011, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Test Device	Acer XB270HABPRZ
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	5.0	13.17	0.08	5.2
	0 255 0	20.03	12.68	0.32	5.52
	0 0 255	30.04	15.97	5.3	8.64
	0 255 255	4.68	3.42	0.63	2.51
	255 0 255	10.58	1.19	2.07	2.72
	255 255 0	27.01	1.54	0.81	5.14
	170 85 85	1.41	2.95	3.86	4.32
	85 170 85	7.02	2.05	3.66	4.31
	85 85 170	10.39	6.23	5.62	7.33
	85 170 170	1.72	2.14	4.27	4.6
	170 85 170	5.93	0.73	4.7	5.01
	170 170 85	8.02	2.8	3.52	4.72
	229 0 0	0.04	10.04	1.34	4.32
	204 0 0	3.53	7.29	2.1	3.84
	178 0 0	5.47	4.97	2.31	3.45
	153 0 0	7.11	3.15	2.62	3.47
	127 0 0	8.04	1.36	2.57	3.43
	102 0 0	8.19	0.11	2.47	3.52
	76 0 0	8.29	1.43	2.36	3.93
	0 229 0	15.94	9.81	1.65	4.84
	0 204 0	12.53	7.93	3.01	4.9
	0 178 0	9.46	6.38	3.78	4.99
	0 153 0	6.92	5.07	4.25	5.04
	0 127 0	4.47	3.82	4.39	4.88
	0 102 0	1.99	2.31	4.24	4.44
	0 76 0	1.66	0.39	4.17	4.21
	0 0 229	27.18	15.71	6.13	9.23
	0 0 204	23.88	14.79	6.36	9.27
	0 0 178	20.08	13.44	6.27	8.96
	0 0 153	16.17	11.91	5.94	8.4
	0 0 127	12.43	10.04	5.08	7.35
	0 0 102	5.96	6.96	3.68	5.24
	0 0 76	1.76	2.54	2.11	2.59
	0 229 229	4.68	4.32	2.67	4.0
	0 204 204	4.72	4.7	3.99	5.18
	0 178 178	4.63	4.34	4.75	5.75
	0 153 153	4.33	3.55	5.15	5.91
	0 127 127	4.15	3.61	5.18	6.02
	0 102 102	3.62	2.57	4.98	5.57
	0 76 76	3.09	1.68	4.84	5.25
	229 0 229	8.11	0.68	3.08	3.39
	204 0 204	6.17	0.6	3.75	3.93
	178 0 178	4.11	0.07	3.92	4.01
	153 0 153	2.32	0.03	4.12	4.15
	127 0 127	1.38	0.12	3.97	3.98
	102 0 102	0.08	0.01	3.72	3.72
	76 0 76	1.66	0.1	3.48	3.52

Colorimetric Report

Page (3/4)



CCalc 2.0
Copyright © 2011, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Test Device	Acer XB270HABPRZ
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	21.55	3.19	1.12	4.64
	204 204 0	17.2	3.79	2.5	4.76
	178 178 0	13.67	3.42	3.29	4.84
	153 153 0	10.42	3.48	3.87	4.99
	127 127 0	7.65	3.13	4.15	4.96
	102 102 0	4.61	2.97	4.1	4.66
	76 76 0	0.02	3.14	4.22	4.65
	255 25 25	5.73	13.38	0.48	5.51
	255 51 51	4.33	11.39	0.92	5.03
	255 76 76	3.06	8.59	1.45	4.27
	255 102 102	2.39	6.39	1.91	3.79
	255 127 127	2.15	4.45	2.32	3.44
	255 153 153	2.0	3.53	2.52	3.4
	255 178 178	1.52	2.18	2.45	2.94
	255 204 204	0.98	1.15	2.05	2.29
	255 229 229	0.34	0.63	1.23	1.37
	25 255 25	20.73	12.63	0.44	5.66
	51 255 51	20.29	11.38	0.37	5.44
	76 255 76	18.47	9.39	0.29	4.94
	102 255 102	16.42	7.3	0.17	4.45
	127 255 127	14.5	5.37	0.03	4.04
	153 255 153	12.92	3.96	0.23	3.93
	178 255 178	10.25	2.64	0.37	3.6
	204 255 204	7.27	1.29	0.51	3.15
	229 255 229	3.76	0.62	0.45	2.28
	25 25 255	31.06	16.08	5.73	9.16
	51 51 255	29.72	15.08	5.9	9.31
	76 76 255	27.08	13.41	5.87	9.2
	102 102 255	23.29	11.01	5.56	8.7
	127 127 255	19.93	8.66	5.3	8.21
	153 153 255	16.32	6.13	4.87	7.49
	178 178 255	12.77	4.11	4.14	6.58
	204 204 255	8.95	2.01	3.27	5.39
	229 229 255	4.68	0.7	1.86	3.51
	25 255 255	4.24	2.86	0.52	2.17
	51 255 255	3.67	2.68	0.51	2.01
	76 255 255	3.0	2.5	0.53	1.86
	102 255 255	2.24	2.26	0.55	1.68
	127 255 255	1.36	2.01	0.61	1.52
	153 255 255	0.44	1.74	0.66	1.37
	178 255 255	0.09	1.48	0.65	1.26
	204 255 255	0.76	1.1	0.65	1.18
	229 255 255	0.56	0.66	0.47	0.85

Colorimetric Report

Page (4/4)



CCalc 2.0
Copyright © 2011, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Test Device	Acer XB270HABPRZ
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	11.6	1.37	2.31	3.04
	255 51 255	12.32	1.4	2.54	3.34
	255 76 255	12.89	1.41	2.8	3.68
	255 102 255	12.94	1.43	2.98	3.97
	255 127 255	12.67	1.44	3.11	4.25
	255 153 255	11.57	1.45	3.06	4.36
	255 178 255	9.76	1.41	2.8	4.24
	255 204 255	7.13	1.25	2.24	3.78
	255 229 255	3.63	0.86	1.29	2.56
	255 255 25	27.16	1.44	0.67	5.24
	255 255 51	25.92	1.58	0.64	5.22
	255 255 76	23.16	1.86	0.59	5.0
	255 255 102	20.05	2.09	0.51	4.8
	255 255 127	17.15	2.16	0.42	4.64
	255 255 153	14.65	2.02	0.26	4.62
	255 255 178	11.38	1.75	0.15	4.3
	255 255 204	7.87	1.3	0.01	3.76
	255 255 229	4.22	0.69	0.1	2.71
	213 255 0	25.76	0.49	0.01	4.74
	159 191 0	15.35	1.65	2.97	4.54
	106 128 0	7.38	1.24	4.33	4.82
	0 255 85	15.59	11.01	0.01	5.09
	0 191 64	8.41	6.14	3.58	4.84
	0 128 42	3.62	3.86	4.81	5.3
	0 128 255	22.26	18.54	6.04	11.89
	0 96 191	14.16	14.47	6.27	10.71
	0 64 128	7.45	10.05	5.64	8.75
	170 0 255	18.98	2.67	4.49	5.46
	127 0 191	11.8	3.28	5.2	5.8
	85 0 128	5.41	2.48	4.78	5.08
	255 0 42	3.13	13.31	0.21	5.48
	191 0 32	2.3	9.2	2.09	4.79
	128 0 21	4.92	5.5	2.82	4.33
	170 85 0	1.31	5.75	4.02	5.0
	0 170 85	3.41	3.93	4.51	5.0
	85 0 170	12.4	5.99	5.71	6.69
	0 85 170	11.63	13.02	6.25	10.17
	170 0 85	5.26	3.58	2.9	3.71
	85 170 0	11.26	2.48	3.74	4.61
	123 127 127	0.09	0.74	4.78	4.84
	127 123 127	0.76	0.56	4.84	4.91
	127 127 123	0.27	0.51	4.78	4.81
	Average	9.53	4.71	2.88	4.8
	Maximum	31.06	18.54	6.36	11.89