

Colorimetric Report

Page (1/5)



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

Test Device	Philips_272C4
Target	sRGB
Display Profile	not considered
Rendering Intent	-

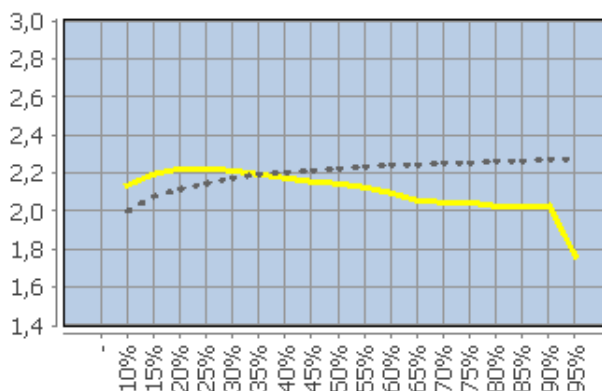
White Point / CCT Kelvin	7081K
White Point XYZ (normalized)	98.33 100.0 122.81
DeltaE to D50/ D65	28.53/ 9.97
DeltaE to Blackbody Curve *	6.72
Assumed Target Whitepoint	7100K
DeltaE to Assumed Target Whitepoint	6.65
Brightness / cd/m ² **	290.8
Black Point / cd/m ² **	0.4299
Contrast / x:1	676:1
Gradation (Average)	2.1

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	6757	0.44	1.99	2.13
	15	6669	0.77	2.36	2.19
	20	6526	1.28	2.41	2.22
	25	6465	1.87	2.31	2.22
	30	6459	2.2	2.28	2.21
	35	6460	2.5	2.5	2.19
	40	6468	2.78	2.86	2.17
	45	6490	2.92	3.21	2.15
	50	6511	3.06	3.42	2.14
	55	6527	3.14	3.47	2.12
	60	6556	3.19	3.77	2.09
	65	6587	3.17	3.96	2.06
	70	6614	3.17	3.93	2.05
	75	6640	3.11	3.6	2.05
	80	6678	2.96	3.42	2.03
	85	6718	2.76	3.08	2.03
	90	6775	2.39	2.6	2.03
	95	6873	1.67	1.89	1.76
	100	7081	-	-	-
	Average	-	2.53*	3.0*	2.1
	Maximum	-	3.19*	3.96*	-
	Range	-	2.43*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



Colorimetric Report

Page (2/5)



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

Test Device	Philips_272C4
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	8.62	8.02	1.72	3.87
	0 255 0	20.03	10.68	1.94	5.31
	0 0 255	36.65	17.57	6.98	10.5
	0 255 255	2.25	0.62	0.57	0.96
	255 0 255	18.68	0.74	4.17	5.15
	255 255 0	24.22	1.66	0.96	4.67
	170 85 85	4.57	2.73	0.25	2.42
	85 170 85	12.85	4.61	3.11	5.4
	85 85 170	10.18	5.44	1.49	4.59
	85 170 170	1.07	3.04	2.4	3.27
	170 85 170	9.94	1.36	0.71	3.01
	170 170 85	13.43	0.73	2.98	5.37
	229 0 0	8.3	6.7	0.88	3.27
	204 0 0	8.04	5.36	0.01	2.81
	178 0 0	6.54	3.52	0.44	2.19
	153 0 0	4.64	1.82	0.58	1.53
	127 0 0	2.44	0.64	0.46	0.86
	102 0 0	0.85	0.18	0.28	0.4
	76 0 0	1.94	1.15	0.26	1.04
	0 229 0	19.05	10.27	2.46	5.59
	0 204 0	18.8	9.44	3.36	6.07
	0 178 0	17.28	8.44	3.59	6.08
	0 153 0	15.15	7.36	3.29	5.68
	0 127 0	11.95	6.1	2.53	4.81
	0 102 0	8.67	4.71	1.79	3.82
	0 76 0	3.04	2.47	0.17	1.7
	0 0 229	31.86	15.67	6.28	9.65
	0 0 204	29.47	14.2	5.44	8.99
	0 0 178	26.42	12.63	4.61	8.27
	0 0 153	22.86	11.08	3.97	7.59
	0 0 127	17.94	9.29	3.28	6.63
	0 0 102	12.37	7.05	2.38	5.2
	0 0 76	3.06	3.56	1.08	2.42
	0 229 229	1.29	1.62	1.17	1.57
	0 204 204	0.32	2.74	2.19	2.76
	0 178 178	0.08	2.94	2.53	3.14
	0 153 153	0.2	3.0	2.34	3.07
	0 127 127	0.07	2.87	1.65	2.58
	0 102 102	0.17	2.67	1.04	2.19
	0 76 76	0.96	2.08	0.47	1.72
	229 0 229	15.98	0.67	3.26	4.28
	204 0 204	15.34	1.03	2.15	3.59
	178 0 178	13.96	1.24	1.48	3.22
	153 0 153	12.18	1.36	1.22	3.01
	127 0 127	9.54	1.36	1.2	2.7
	102 0 102	7.15	1.26	1.16	2.37
	76 0 76	3.3	0.95	1.61	1.99

Colorimetric Report

Page (3/5)



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

Test Device	Philips_272C4
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	23.16	0.84	1.69	4.93
	204 204 0	22.33	0.6	2.79	5.53
	178 178 0	20.48	0.43	3.15	5.69
	153 153 0	18.08	0.32	2.92	5.4
	127 127 0	14.46	0.27	2.19	4.58
	102 102 0	10.86	0.31	1.48	3.68
	76 76 0	4.74	0.62	0.21	1.74
	255 25 25	8.8	7.83	2.08	4.11
	255 51 51	5.77	5.07	2.1	3.23
	255 76 76	3.02	3.41	1.75	2.44
	255 102 102	0.1	2.63	0.87	1.59
	255 127 127	1.29	2.66	0.22	1.53
	255 153 153	2.54	2.82	0.56	2.03
	255 178 178	2.75	2.92	0.97	2.51
	255 204 204	2.14	2.83	0.91	2.64
	255 229 229	1.01	2.37	0.47	2.24
	25 255 25	20.46	10.54	1.87	5.36
	51 255 51	19.21	9.47	1.79	5.09
	76 255 76	16.39	7.83	1.72	4.57
	102 255 102	12.26	6.12	1.67	3.9
	127 255 127	9.16	4.9	1.58	3.41
	153 255 153	5.71	3.88	1.47	2.88
	178 255 178	3.41	3.17	1.28	2.48
	204 255 204	2.09	2.52	0.95	2.13
	229 255 229	1.55	1.73	0.44	1.72
	25 25 255	36.52	17.37	7.19	10.76
	51 51 255	31.52	15.36	6.28	9.76
	76 76 255	23.76	12.33	4.45	7.78
	102 102 255	15.23	9.08	2.1	5.4
	127 127 255	10.05	6.9	0.72	4.13
	153 153 255	5.45	5.06	0.6	3.2
	178 178 255	2.65	3.67	1.22	2.73
	204 204 255	1.22	2.57	1.2	2.26
	229 229 255	0.72	1.49	0.66	1.48
	25 255 255	2.03	0.79	0.52	0.94
	51 255 255	1.85	0.79	0.48	0.89
	76 255 255	1.9	0.78	0.47	0.91
	102 255 255	2.34	0.8	0.52	1.08
	127 255 255	2.62	0.78	0.54	1.23
	153 255 255	3.06	0.76	0.59	1.5
	178 255 255	3.12	0.72	0.57	1.67
	204 255 255	2.68	0.69	0.44	1.67
	229 255 255	1.68	0.64	0.2	1.34

Colorimetric Report

Page (4/5)



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

Test Device	Philips_272C4
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	19.36	0.85	4.37	5.41
	255 51 255	18.72	0.85	4.26	5.32
	255 76 255	16.5	0.95	3.74	4.8
	255 102 255	12.28	1.07	2.66	3.62
	255 127 255	8.69	1.12	1.74	2.65
	255 153 255	4.63	1.07	0.66	1.48
	255 178 255	1.85	0.88	0.04	0.78
	255 204 255	0.34	0.59	0.33	0.54
	255 229 255	0.05	0.27	0.19	0.29
	255 255 25	24.3	1.73	0.91	4.76
	255 255 51	22.44	1.95	0.88	4.61
	255 255 76	18.92	2.32	0.84	4.22
	255 255 102	14.24	2.68	0.77	3.64
	255 255 127	10.79	2.77	0.68	3.24
	255 255 153	7.24	2.62	0.57	2.72
	255 255 178	4.79	2.24	0.44	2.29
	255 255 204	3.18	1.65	0.25	1.91
	255 255 229	2.21	0.95	0.03	1.6
	213 255 0	23.49	3.84	1.53	4.83
	159 191 0	20.88	2.97	3.25	5.77
	106 128 0	14.28	1.4	2.33	4.6
	0 255 85	14.35	8.06	1.79	4.4
	0 191 64	15.37	8.38	3.41	6.0
	0 128 42	11.93	6.8	2.48	5.36
	0 128 255	8.98	9.45	0.78	5.02
	0 96 191	8.55	8.53	1.01	5.24
	0 64 128	8.46	8.36	2.06	6.25
	170 0 255	23.42	7.42	3.54	5.72
	127 0 191	18.91	5.27	2.67	4.92
	85 0 128	12.79	3.14	2.3	4.08
	255 0 42	5.5	6.01	1.85	3.25
	191 0 32	7.17	5.88	0.16	3.18
	128 0 21	5.19	5.18	0.36	3.19
	170 85 0	11.19	3.88	0.75	3.62
	0 170 85	11.4	6.9	3.5	5.72
	85 0 170	20.72	6.48	3.39	5.93
	0 85 170	9.71	9.02	1.34	5.94
	170 0 85	4.56	2.07	0.08	1.61
	85 170 0	18.75	5.1	3.52	5.85
	123 127 127	1.39	2.47	1.58	3.16
	127 123 127	0.5	2.53	1.49	2.89
	127 127 123	3.06	0.3	1.58	3.21
	Average	10.34	4.15	1.77	3.75
	Maximum	36.65	17.57	7.19	10.76

Colorimetric Report

Page (5/5)



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

Test Device	Philips_272C4
Target	sRGB
Display Profile	not considered
Rendering Intent	-

Property	Device adjustments
Backlight brightness	
Brightness	100
Contrast	
RGB Gain	
Gradation	
Other	Werk sRGB