

Colorimetric Report

Page (1/5)



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

Test Device	Philips_241P4LRY
Target	sRGB
Display Profile	not considered
Rendering Intent	-

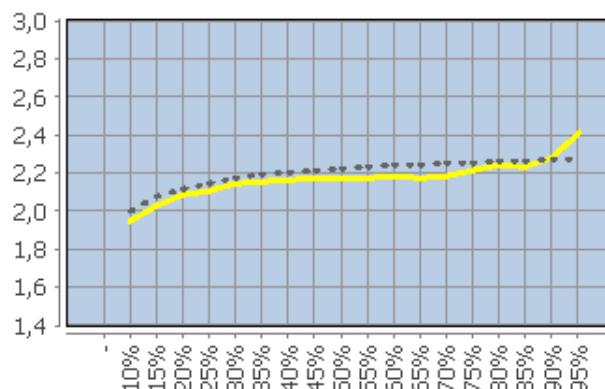
White Point / CCT Kelvin	6578K
White Point XYZ (normalized)	98.06 100.0 115.4
DeltaE to D50/ D65	23.82/ 6.53
DeltaE to Blackbody Curve *	6.24
Assumed Target Whitepoint	6600K
DeltaE to Assumed Target Whitepoint	6.14
Brightness / cd/m ² **	259.2
Black Point / cd/m ² **	0.262
Contrast / x:1	989:1
Gradation (Average)	2.17

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	6666	1.2	1.76	1.95
	15	6378	0.62	1.0	2.03
	20	6604	1.62	1.79	2.08
	25	6393	1.09	1.56	2.1
	30	6476	1.27	1.55	2.14
	35	6443	1.77	1.89	2.15
	40	6433	2.58	2.71	2.16
	45	6481	1.96	2.18	2.17
	50	6425	2.25	2.46	2.17
	55	6520	1.92	2.07	2.17
	60	6485	1.97	2.1	2.18
	65	6525	2.07	2.32	2.17
	70	6518	2.41	2.58	2.18
	75	6536	1.92	1.96	2.21
	80	6512	2.84	2.84	2.24
	85	6534	2.03	2.04	2.23
	90	6553	1.9	1.91	2.28
	95	6560	1.29	1.34	2.41
	100	6579	-	-	-
	Average	-	1.82*	2.0*	2.17
	Maximum	-	2.84*	2.84*	-
	Range	-	2.33*	-	-

* 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_241P4LRY
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	0.41	0.53	2.75	2.76
	0 255 0	16.17	15.83	1.29	6.33
	0 0 255	18.8	9.95	3.04	5.23
	0 255 255	5.65	0.89	0.68	1.93
	255 0 255	12.02	3.05	3.54	4.19
	255 255 0	21.53	0.38	0.47	4.05
	170 85 85	0.13	1.61	0.32	1.07
	85 170 85	3.73	2.88	1.15	2.21
	85 85 170	7.79	4.92	0.31	3.65
	85 170 170	2.7	1.92	0.7	1.97
	170 85 170	7.29	0.37	0.25	2.1
	170 170 85	4.51	0.52	1.11	1.89
	229 0 0	2.13	2.23	2.02	2.25
	204 0 0	2.62	3.68	1.3	2.12
	178 0 0	3.6	5.13	0.91	2.63
	153 0 0	3.48	5.16	0.59	2.7
	127 0 0	2.49	4.59	0.09	2.49
	102 0 0	1.58	3.53	0.26	2.08
	76 0 0	1.91	2.59	0.46	1.84
	0 229 0	13.53	11.78	0.09	4.98
	0 204 0	11.96	9.6	0.4	4.4
	0 178 0	11.22	7.94	0.0	4.0
	0 153 0	9.72	6.5	0.01	3.58
	0 127 0	7.93	4.97	0.07	3.05
	0 102 0	6.18	3.75	0.04	2.56
	0 76 0	3.6	1.76	0.29	1.53
	0 0 229	19.96	10.92	3.86	6.23
	0 0 204	19.21	10.6	3.74	6.28
	0 0 178	18.2	9.95	3.47	6.17
	0 0 153	16.18	8.94	3.11	5.82
	0 0 127	14.54	7.88	2.69	5.49
	0 0 102	11.14	6.19	1.67	4.43
	0 0 76	6.2	4.08	0.61	2.97
	0 229 229	5.21	3.99	0.77	3.0
	0 204 204	4.68	4.83	1.05	3.52
	0 178 178	3.77	4.19	0.65	3.07
	0 153 153	3.19	3.63	0.6	2.77
	0 127 127	2.72	3.47	0.49	2.71
	0 102 102	2.38	3.39	0.41	2.72
	0 76 76	1.65	1.99	0.14	1.75
	229 0 229	11.47	0.81	2.78	3.43
	204 0 204	10.78	0.38	1.99	2.83
	178 0 178	10.03	0.64	1.51	2.54
	153 0 153	8.86	0.91	1.17	2.31
	127 0 127	7.8	1.12	0.59	2.07
	102 0 102	6.78	1.07	0.21	1.95
	76 0 76	5.0	0.54	0.26	1.63

Colorimetric Report

Page (3/5)



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

Test Device	Philips_241P4LRY
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	17.04	0.91	0.18	3.42
	204 204 0	14.03	0.77	0.35	3.03
	178 178 0	12.09	1.55	0.81	3.0
	153 153 0	9.98	1.58	0.83	2.76
	127 127 0	7.89	1.04	0.84	2.41
	102 102 0	5.45	0.54	0.83	1.91
	76 76 0	3.29	1.25	0.71	1.57
	255 25 25	0.97	0.09	2.71	2.71
	255 51 51	2.56	1.06	2.37	2.46
	255 76 76	3.21	0.88	2.0	2.16
	255 102 102	3.9	1.35	1.6	2.0
	255 127 127	4.18	0.75	1.11	1.7
	255 153 153	4.06	0.35	0.73	1.61
	255 178 178	3.68	0.51	0.45	1.66
	255 204 204	2.32	1.16	0.62	1.65
	255 229 229	1.26	0.98	0.47	1.32
	25 255 25	15.05	15.01	1.47	6.12
	51 255 51	11.85	12.88	1.5	5.42
	76 255 76	9.03	10.87	1.47	4.79
	102 255 102	5.43	8.89	1.47	4.17
	127 255 127	3.11	7.3	1.4	3.7
	153 255 153	1.43	5.77	1.24	3.23
	178 255 178	0.26	4.5	1.09	2.83
	204 255 204	0.98	3.5	0.84	2.54
	229 255 229	1.0	1.99	0.45	1.76
	25 25 255	17.56	9.31	2.49	4.8
	51 51 255	14.74	8.26	1.77	4.18
	76 76 255	12.06	7.13	1.17	3.69
	102 102 255	9.71	6.32	0.61	3.41
	127 127 255	7.48	5.21	0.14	3.06
	153 153 255	5.63	3.99	0.11	2.69
	178 178 255	4.16	3.1	0.28	2.41
	204 204 255	3.73	2.72	0.02	2.57
	229 229 255	2.32	1.41	0.13	1.87
	25 255 255	5.55	0.69	0.86	1.96
	51 255 255	5.6	0.6	0.93	2.03
	76 255 255	5.57	0.6	0.96	2.09
	102 255 255	5.81	0.63	1.02	2.29
	127 255 255	5.64	0.64	1.04	2.39
	153 255 255	5.14	0.64	0.97	2.39
	178 255 255	4.73	0.64	0.92	2.47
	204 255 255	3.94	0.6	0.78	2.42
	229 255 255	2.33	0.49	0.46	1.79

Colorimetric Report

Page (4/5)



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

Test Device	Philips_241P4LRY
Target	sRGB
Display Profile	not considered
Rendering Intent	-

	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	11.9	3.41	3.35	4.07
	255 51 255	10.8	3.53	3.05	3.8
	255 76 255	9.19	3.65	2.64	3.43
	255 102 255	7.27	3.66	2.14	3.01
	255 127 255	5.15	3.65	1.59	2.58
	255 153 255	3.19	3.48	1.06	2.24
	255 178 255	1.69	3.16	0.66	2.02
	255 204 255	1.53	2.58	0.69	1.97
	255 229 255	0.81	1.72	0.44	1.52
	255 255 25	20.25	0.53	0.46	3.88
	255 255 51	16.99	0.88	0.44	3.42
	255 255 76	13.78	1.17	0.43	2.99
	255 255 102	10.05	1.42	0.38	2.47
	255 255 127	7.35	1.43	0.31	2.08
	255 255 153	5.07	1.24	0.24	1.72
	255 255 178	2.89	0.97	0.15	1.23
	255 255 204	1.52	0.55	0.07	0.81
	255 255 229	0.45	0.15	0.01	0.31
	213 255 0	19.82	4.72	0.95	4.22
	159 191 0	13.33	1.57	0.83	3.11
	106 128 0	8.08	0.68	0.84	2.39
	0 255 85	7.02	10.54	1.19	4.45
	0 191 64	4.99	5.07	0.23	2.5
	0 128 42	3.9	2.88	0.22	1.83
	0 128 255	9.0	8.59	1.39	4.8
	0 96 191	8.51	8.45	1.44	5.3
	0 64 128	5.83	6.23	0.81	4.39
	170 0 255	13.79	3.93	1.66	3.05
	127 0 191	12.4	4.77	1.78	3.51
	85 0 128	9.32	3.54	1.28	3.05
	255 0 42	1.41	1.6	2.79	2.88
	191 0 32	1.25	3.72	0.96	2.0
	128 0 21	0.68	3.21	0.11	1.75
	170 85 0	0.28	2.48	0.1	1.28
	0 170 85	1.69	2.65	0.21	1.42
	85 0 170	13.41	5.91	2.07	4.16
	0 85 170	8.81	8.35	1.42	5.52
	170 0 85	3.17	2.89	0.63	1.82
	85 170 0	11.85	5.11	1.03	3.61
	123 127 127	0.04	2.49	0.51	2.48
	127 123 127	2.35	0.47	0.59	2.22
	127 127 123	0.19	2.14	0.55	2.15
	Average	7.04	3.66	1.04	2.93
	Maximum	21.53	15.83	3.86	6.33

Colorimetric Report

Page (5/5)



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

Test Device	Philips_241P4LRY
Target	sRGB
Display Profile	not considered
Rendering Intent	-

Property	Device adjustments
Backlight brightness	
Brightness	100
Contrast	50
RGB Gain	
Gradation	
Other	Werkseinstellung sRGB