

Colorimetric Report

Page (1/4)



CCalc 2.1
Copyright © 2015, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Date	Friday, September 11, 2015
Display	Dell UP2715K
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

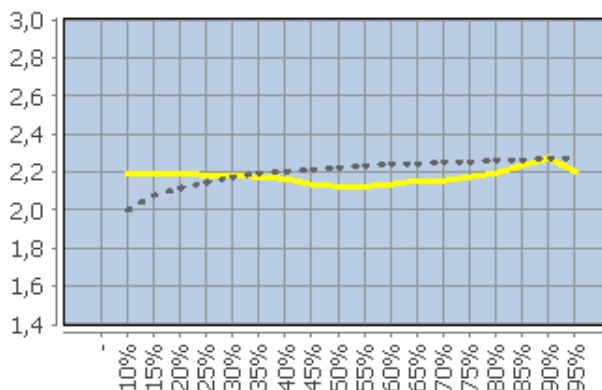
White Point (CCT)	7356 Kelvin
White Point XYZ (normalized)	94.56 100.00 120.10
DeltaE to D50/ D65	26.85/ 6.70
Assumed Target Whitepoint (2)	7400 Kelvin
DeltaE to Assumed Target Whitepoint	0.91
Brightness (3)	218.40 cd/m ²
Black Point (3)	0.31 cd/m ²
Contrast (x:1)	705:1
Gradation (Average)	2.17

(2) Daylight (3) Measured with i1 Display Pro

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	8580	1.09	3.31	2.19
	15	7795	0.66	2.34	2.19
	20	7861	1.12	1.84	2.19
	25	7706	1.19	1.34	2.18
	30	7693	1.20	1.21	2.18
	35	7703	1.32	1.35	2.17
	40	7729	1.48	1.70	2.16
	45	7682	1.42	2.04	2.13
	50	7623	1.44	2.25	2.12
	55	7645	1.46	2.24	2.12
	60	7629	1.53	2.09	2.13
	65	7636	1.62	2.01	2.15
	70	7599	1.52	1.85	2.15
	75	7592	1.59	1.77	2.17
	80	7586	1.56	1.65	2.19
	85	7580	1.59	1.60	2.23
	90	7536	1.48	1.48	2.27
	95	7405	0.84	0.86	2.20
	100 (4)	7356	-	-	-
	Average (5)	-	1.35	1.74	2.17
	Maximum (5)	-	1.62	2.34	-
	Range (5)	-	1.62	-	-

(4) Visual adaptation to display whitepoint is assumed
(5) Only luminance > 1% considered

Corresponding Gamma



Colorimetric Report

Page (2/4)



CCalc 2.1
Copyright © 2015, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Date	Friday, September 11, 2015
Display	Dell UP2715K
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	1.26	0.00	0.87	1.53
	0 0 63	2.72	1.88	0.01	1.46
	0 0 127	13.77	4.97	0.96	3.88
	0 0 191	18.58	7.33	2.51	4.93
	0 0 255	21.56	9.60	4.21	6.11
	0 63 0	12.87	11.20	1.28	8.16
	0 63 63	9.96	0.20	1.41	5.63
	0 63 127	9.31	2.05	1.54	3.78
	0 63 191	13.53	4.60	2.39	4.34
	0 63 255	16.43	6.89	3.76	5.29
	0 127 0	29.86	15.61	0.22	10.34
	0 127 63	28.04	10.31	0.24	10.15
	0 127 127	19.08	0.77	0.00	8.15
	0 127 191	7.88	8.39	0.55	5.86
	0 127 255	4.54	5.24	1.45	3.06
	0 191 0	39.89	20.33	0.75	11.20
	0 191 63	37.86	18.27	0.76	11.38
	0 191 127	31.15	12.25	0.85	10.70
	0 191 191	25.45	1.47	1.18	9.17
	0 191 255	13.43	12.90	1.76	8.97
	0 255 0	49.18	25.12	1.64	11.94
	0 255 63	47.08	24.30	1.65	12.17
	0 255 127	41.01	21.34	1.71	12.29
	0 255 191	37.45	11.34	1.93	11.10
	0 255 255	32.19	3.53	2.38	10.37
	63 0 0	4.41	0.72	2.12	2.81
	63 0 63	4.75	3.39	0.98	2.81
	63 0 127	12.62	4.24	0.05	3.53
	63 0 191	16.80	6.82	1.48	4.25
	63 0 255	19.96	9.31	3.35	5.42
	63 63 0	0.74	0.90	0.50	0.83
	63 63 63	1.14	0.13	0.65	1.32
	63 63 127	10.84	2.53	0.07	4.13
	63 63 191	15.10	4.94	0.62	4.09
	63 63 255	16.01	7.21	3.10	4.90
	63 127 0	20.78	12.14	0.55	8.15
	63 127 63	20.89	9.30	2.05	9.12
	63 127 127	14.92	0.28	1.82	7.83
	63 127 191	6.59	6.96	1.30	5.14
	63 127 255	4.16	3.71	1.08	2.29
	63 191 0	33.47	17.88	0.55	9.94
	63 191 63	33.81	16.75	1.30	10.73
	63 191 127	27.81	12.14	1.19	10.53
	63 191 191	23.20	1.18	0.94	9.03
	63 191 255	11.09	11.80	1.49	8.19
	63 255 0	44.48	23.26	1.52	11.14
	63 255 63	42.25	22.76	1.54	11.41

Colorimetric Report

Page (3/4)



CCalc 2.1
Copyright © 2015, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Date	Friday, September 11, 2015
Display	Dell UP2715K
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	36.32	20.62	1.58	11.71
	63 255 191	33.90	11.30	1.82	10.69
	63 255 255	29.36	3.08	2.23	9.87
	127 0 0	13.66	1.24	4.02	5.47
	127 0 63	12.15	5.35	3.74	6.08
	127 0 127	12.68	6.14	2.90	5.20
	127 0 191	14.49	8.57	1.45	4.64
	127 0 255	16.49	10.76	0.48	4.52
	127 63 0	12.92	6.11	2.15	5.68
	127 63 63	13.66	0.96	3.24	6.65
	127 63 127	14.59	4.79	2.87	6.33
	127 63 191	15.64	8.07	2.03	5.53
	127 63 255	14.95	9.86	0.73	4.59
	127 127 0	10.83	0.45	1.79	3.51
	127 127 63	7.68	0.73	3.45	4.56
	127 127 127	1.54	0.19	1.75	2.33
	127 127 191	3.88	1.29	2.07	2.67
	127 127 255	4.56	2.95	0.32	1.81
	127 191 0	19.22	8.17	0.34	5.45
	127 191 63	17.99	8.42	2.28	6.43
	127 191 127	10.88	8.18	1.26	6.38
	127 191 191	10.29	0.17	0.98	5.35
	127 191 255	4.03	5.83	0.54	4.04
	127 255 0	31.25	15.46	0.88	7.92
	127 255 63	28.56	15.69	0.88	8.19
	127 255 127	22.64	15.87	0.86	8.89
	127 255 191	21.66	9.78	1.08	8.41
	127 255 255	19.68	2.15	1.50	7.66
	191 0 0	20.68	0.99	4.50	6.26
	191 0 63	17.31	3.07	4.40	6.26
	191 0 127	16.18	4.53	3.88	5.84
	191 0 191	16.07	8.63	2.88	5.56
	191 0 255	16.17	11.61	1.35	5.07
	191 63 0	20.90	2.20	3.41	5.96
	191 63 63	18.94	0.75	4.72	7.03
	191 63 127	18.23	2.28	4.40	6.84
	191 63 191	18.04	7.86	3.69	6.54
	191 63 255	15.67	10.95	0.95	5.13
	191 127 0	15.47	2.86	2.88	5.04
	191 127 63	12.20	2.35	4.62	6.18
	191 127 127	8.32	1.82	3.64	5.40
	191 127 191	8.72	4.36	3.16	5.11
	191 127 255	7.51	7.00	1.38	4.02
	191 191 0	14.58	0.31	1.23	3.46
	191 191 63	11.60	0.97	3.26	4.46
	191 191 127	1.58	1.24	2.19	2.42
	191 191 191	1.55	0.22	0.80	1.75

Colorimetric Report

Page (4/4)



CCalc 2.1
Copyright © 2015, Denis Freund
All Rights Reserved
licensed for PRAD ProAdviser

Date	Friday, September 11, 2015
Display	Dell UP2715K
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	1.93	0.99	0.30	1.04
	191 255 0	21.26	7.60	0.19	4.89
	191 255 63	17.87	8.42	0.21	5.00
	191 255 127	10.44	10.14	0.22	5.66
	191 255 191	9.30	7.75	0.48	5.89
	191 255 255	9.78	0.97	0.88	5.18
	255 0 0	27.07	3.13	5.23	7.16
	255 0 63	21.86	1.84	5.11	6.72
	255 0 127	19.78	2.19	4.80	6.40
	255 0 191	19.17	7.70	4.07	6.32
	255 0 255	17.93	12.14	2.89	6.04
	255 63 0	26.72	0.45	4.50	6.69
	255 63 63	21.83	0.49	4.41	6.35
	255 63 127	19.82	0.03	4.16	6.15
	255 63 191	19.37	6.56	3.53	6.10
	255 63 255	17.83	11.43	2.49	5.95
	255 127 0	22.26	1.81	4.05	6.17
	255 127 63	17.56	2.11	4.04	5.90
	255 127 127	13.91	2.60	3.89	5.81
	255 127 191	14.02	4.01	3.41	5.65
	255 127 255	12.05	9.08	2.59	5.60
	255 191 0	18.10	3.88	2.37	4.79
	255 191 63	13.34	3.84	2.37	4.40
	255 191 127	5.71	5.54	2.31	4.49
	255 191 191	8.12	2.00	1.96	4.56
	255 191 255	7.24	5.25	1.40	4.40
	255 255 0	17.65	0.02	0.72	3.37
	255 255 63	13.42	0.61	0.69	2.83
	255 255 127	3.78	1.49	0.68	1.42
	255 255 191	0.52	0.97	0.42	0.80
	255 255 255 (1)	-	-	-	-
	Average (2)	17.05	6.53	1.98	6.09
	Maximum (2)	49.18	25.12	5.23	12.29

(1) Visual adaptation to display whitepoint is assumed; CIELAB reference values are adapted (Bradford transformation) to display whitepoint

(2) Without Black

Color Space	Gamut Volume CIELAB D50
sRGB	100%