Colorimetric Report
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CCalc 2.5

Date	Sunday, March 6, 2022
Tester	Denis Freund
Display	Iiyama XUB2792QSN
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	AdobeRGB
Display Profile	Considered
Rendering Intent	Relative colorimetric

(1) Five equally spaced code values for each channel

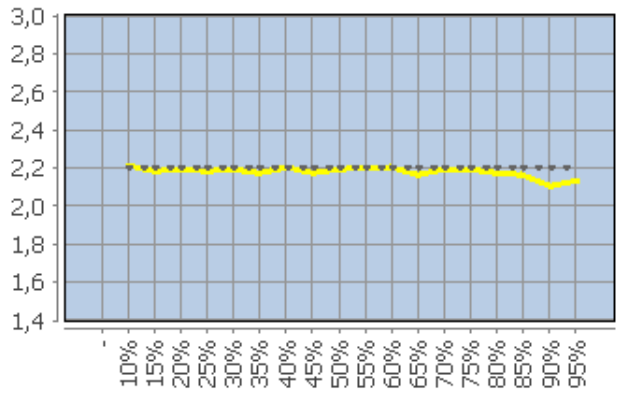
White Point (CCT)	6513 Kelvin
White Point XYZ (normalized)	95.23 100.00 109.38
DeltaE to D50/ D65	19.80/ 0.44
Assumed Target Whitepoint (2)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	0.53
Brightness (3)	143.00 cd/m²
Black Point (3)	0.11 cd/m²
Contrast (x:1)	1300:1
Gradation (Average)	2.18

(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	5990	0.92	0.93	2.21
	15	6493	0.77	0.84	2.18
	20	6482	0.27	0.36	2.19
	25	6669	0.47	0.66	2.18
	30	6531	0.36	0.38	2.19
	35	6515	0.40	0.66	2.17
	40	6411	0.43	0.43	2.20
	45	6410	1.15	1.24	2.17
	50	6498	0.59	0.62	2.19
	55	6503	0.11	0.11	2.20
	60	6553	0.30	0.30	2.20
	65	6476	0.76	0.90	2.16
	70	6532	0.43	0.44	2.19
	75	6520	0.35	0.36	2.19
	80	6517	0.39	0.46	2.17
	85	6502	0.44	0.48	2.16
	90	6504	0.39	0.54	2.10
	95	6508	0.30	0.33	2.13
	100 (4)	6512	-	-	-
	Average (5)	-	0.46	0.54	2.18
	Maximum (5)	-	1.15	1.24	-
	Range (5)	-	1.86	-	-

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

Corresponding Gamma



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	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	0.74	0.00	1.17	1.39
	0 0 63	0.74	1.02	1.06	1.25
	0 0 127	0.27	0.26	0.28	0.30
	0 0 191	0.33	0.10	0.33	0.34
	0 0 255	1.06	0.11	0.25	0.29
	0 63 0	15.29	11.70	1.43	7.73
	0 63 63	10.92	0.30	2.05	5.17
	0 63 127	3.34	2.69	1.66	2.53
	0 63 191	2.76	0.80	1.35	1.51
	0 63 255	1.52	0.64	1.26	1.30
	0 127 0	22.66	20.44	2.29	9.49
	0 127 63	21.26	15.48	2.56	8.92
	0 127 127	17.70	1.30	2.78	6.26
	0 127 191	7.08	8.07	2.62	5.78
	0 127 255	3.12	6.18	2.59	3.92
	0 191 0	29.21	28.26	3.34	10.82
	0 191 63	27.87	26.17	3.50	10.94
	0 191 127	27.67	15.61	3.39	9.23
	0 191 191	24.24	0.04	3.47	7.06
	0 191 255	13.61	11.71	3.48	8.00
	0 255 0	34.97	34.67	4.66	11.76
	0 255 63	33.58	34.09	4.63	12.03
	0 255 127	34.13	26.47	4.51	11.22
	0 255 191	33.37	14.36	4.43	9.31
	0 255 255	30.05	1.30	4.07	7.67
	63 0 0	0.93	0.30	0.43	0.59
	63 0 63	0.53	0.99	0.18	0.66
	63 0 127	0.86	0.05	0.15	0.25
	63 0 191	0.37	0.03	0.26	0.27
	63 0 255	1.41	0.19	0.41	0.46
	63 63 0	1.11	0.90	0.12	0.73
	63 63 63	0.60	0.15	0.52	0.81
	63 63 127	1.57	0.61	0.43	0.77
	63 63 191	1.44	0.67	0.41	0.60
	63 63 255	0.45	0.26	0.34	0.36
	63 127 0	4.93	4.26	0.28	2.20
	63 127 63	4.13	3.63	0.68	2.31
	63 127 127	3.33	1.81	0.97	2.02
	63 127 191	2.30	0.59	1.00	1.31
	63 127 255	1.30	0.73	1.11	1.20
	63 191 0	17.77	18.64	2.24	7.47
	63 191 63	16.81	17.54	2.43	7.69
	63 191 127	16.97	11.25	2.30	6.73
	63 191 191	15.83	0.39	2.49	5.10
	63 191 255	8.78	7.57	2.41	5.43
	63 255 0	27.05	28.23	3.94	9.87
	63 255 63	25.48	28.10	3.87	10.17

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	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	25.81	22.34	3.94	9.67
	63 255 191	26.27	12.33	3.70	7.98
	63 255 255	23.97	0.89	3.23	6.37
	127 0 0	0.22	0.20	0.33	0.34
	127 0 63	0.30	1.32	0.28	0.77
	127 0 127	0.43	0.47	0.44	0.51
	127 0 191	0.34	0.55	0.21	0.31
	127 0 255	0.14	0.23	0.07	0.11
	127 63 0	1.44	0.78	0.10	0.57
	127 63 63	0.11	0.40	0.19	0.32
	127 63 127	0.52	0.25	0.21	0.30
	127 63 191	0.50	0.30	0.22	0.28
	127 63 255	0.34	0.27	0.17	0.20
	127 127 0	0.79	0.75	0.27	0.51
	127 127 63	0.39	0.34	0.25	0.36
	127 127 127	0.57	0.06	0.21	0.61
	127 127 191	0.58	0.58	0.35	0.55
	127 127 255	0.79	0.54	0.37	0.49
	127 191 0	0.39	0.63	0.12	0.29
	127 191 63	0.33	0.30	0.08	0.17
	127 191 127	0.81	0.71	0.31	0.56
	127 191 191	0.02	0.64	0.22	0.49
	127 191 255	0.15	0.38	0.31	0.39
	127 255 0	5.79	7.02	1.38	2.81
	127 255 63	4.64	7.50	1.31	3.00
	127 255 127	4.40	6.91	1.46	3.23
	127 255 191	5.53	4.01	1.29	2.62
	127 255 255	5.95	0.39	1.24	2.09
	191 0 0	0.03	0.74	0.07	0.31
	191 0 63	0.11	1.39	0.06	0.63
	191 0 127	0.51	0.33	0.07	0.20
	191 0 191	0.13	0.19	0.09	0.12
	191 0 255	0.89	0.17	0.30	0.34
	191 63 0	0.24	0.08	0.02	0.06
	191 63 63	0.79	1.09	0.04	0.56
	191 63 127	0.75	0.22	0.17	0.28
	191 63 191	0.47	0.55	0.09	0.28
	191 63 255	0.05	0.30	0.03	0.12
	191 127 0	0.45	0.17	0.07	0.14
	191 127 63	0.54	0.56	0.18	0.38
	191 127 127	0.07	0.37	0.05	0.25
	191 127 191	0.15	0.23	0.14	0.20
	191 127 255	1.06	0.43	0.52	0.61
	191 191 0	1.08	0.01	0.11	0.25
	191 191 63	0.17	0.32	0.15	0.22
	191 191 127	0.35	0.28	0.13	0.26
	191 191 191	0.33	0.08	0.03	0.34

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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	0.50	0.25	0.11	0.28
	191 255 0	0.58	0.07	0.59	0.60
	191 255 63	0.51	0.27	0.45	0.47
	191 255 127	1.03	0.35	0.39	0.49
	191 255 191	0.38	0.23	0.33	0.37
	191 255 255	0.01	0.19	0.18	0.22
	255 0 0	15.81	5.07	7.61	8.23
	255 0 63	14.53	8.81	7.65	8.76
	255 0 127	9.39	12.98	7.35	9.27
	255 0 191	3.83	14.27	6.88	8.96
	255 0 255	0.16	12.82	6.69	8.15
	255 63 0	16.01	1.46	6.63	7.17
	255 63 63	15.30	4.53	6.62	7.42
	255 63 127	11.10	10.76	6.53	8.33
	255 63 191	5.37	13.21	6.20	8.39
	255 63 255	2.15	12.21	5.79	7.42
	255 127 0	12.06	6.16	4.38	5.49
	255 127 63	13.76	3.36	4.27	5.33
	255 127 127	12.98	2.58	4.24	5.50
	255 127 191	8.74	8.65	4.03	6.33
	255 127 255	4.66	9.94	3.76	5.89
	255 191 0	4.17	7.14	1.97	3.63
	255 191 63	4.96	6.78	1.92	3.77
	255 191 127	6.62	4.86	1.88	3.88
	255 191 191	7.80	0.75	1.82	3.71
	255 191 255	4.39	5.73	1.58	4.07
	255 255 0	0.65	0.06	0.35	0.37
	255 255 63	0.19	0.17	0.34	0.34
	255 255 127	0.39	0.06	0.33	0.35
	255 255 191	0.01	0.01	0.19	0.19
	255 255 255 (1)	-	-	-	-
	Average (2)	6.85	0.00	1.74	3.29
	Maximum (2)	34.97	34.67	7.65	12.03

(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
AdobeRGB	73%