

Colorimetric Report

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Date	Thursday, October 12, 2023
Tester	Oliver Jachmann
Display	Iiyama-GCB3280QSU-B1
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
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

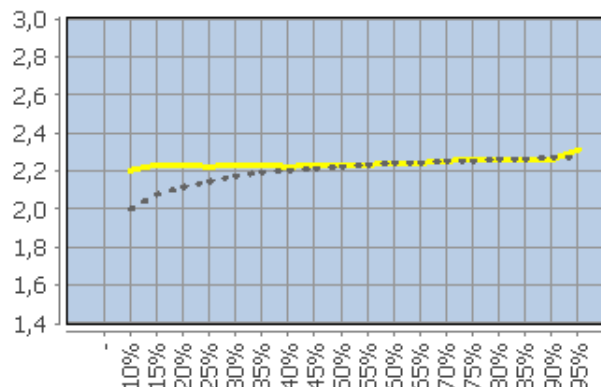
White Point (CCT)	6344 Kelvin
White Point XYZ (normalized)	98.99 100.00 113.56
DeltaE to D50/ D65	22.89/ 7.38
Assumed Target Whitepoint (2)	6300 Kelvin
DeltaE to Assumed Target Whitepoint	3.66
Brightness	186.38 cd/m²
Black Point	0.04 cd/m²
Contrast (x:1)	4660:1
Gradation (Average)	2.24

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6607	0.41	3.40	2.20
	15	6484	0.36	2.93	2.23
	20	6444	0.60	2.19	2.23
	25	6479	0.51	1.56	2.22
	30	6507	0.52	1.18	2.23
	35	6437	0.62	0.94	2.23
	40	6445	0.56	0.66	2.22
	45	6447	0.72	0.77	2.23
	50	6474	0.72	0.73	2.23
	55	6480	0.66	0.66	2.23
	60	6470	0.76	0.76	2.24
	65	6474	0.83	0.83	2.24
	70	6435	0.61	0.61	2.25
	75	6437	0.66	0.66	2.26
	80	6409	0.55	0.55	2.26
	85	6411	0.49	0.49	2.26
	90	6405	0.49	0.49	2.26
	95	6396	0.50	0.51	2.31
	100 (3)	6344	-	-	-
	Average (4)	-	0.6	0.97	2.24
	Maximum (4)	-	0.83	2.93	-
	Range (4)	-	0.83	-	-

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

Corresponding Gamma



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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	0.29	0.00	0.22	0.37
	0 0 63	0.10	1.79	0.38	1.15
	0 0 127	4.86	3.43	0.18	1.90
	0 0 191	4.78	3.67	0.66	1.75
	0 0 255	2.17	2.34	1.97	2.14
	0 63 0	6.61	5.53	1.68	4.37
	0 63 63	4.75	1.29	1.54	3.19
	0 63 127	4.00	2.17	1.03	2.18
	0 63 191	5.59	3.62	0.40	2.09
	0 63 255	3.80	2.54	0.97	1.49
	0 127 0	16.78	5.68	0.55	4.87
	0 127 63	15.22	3.44	0.42	4.94
	0 127 127	8.64	1.57	0.28	3.85
	0 127 191	2.35	3.13	0.02	2.09
	0 127 255	1.35	1.57	0.81	1.15
	0 191 0	22.98	6.66	0.63	5.13
	0 191 63	21.54	6.18	0.54	5.32
	0 191 127	16.05	4.09	0.44	4.90
	0 191 191	11.48	2.26	0.27	4.32
	0 191 255	4.77	6.22	0.31	4.00
	0 255 0	28.96	5.74	0.71	5.03
	0 255 63	26.91	5.95	0.68	5.07
	0 255 127	21.39	6.44	0.63	5.08
	0 255 191	17.65	2.71	0.54	4.64
	0 255 255	13.44	2.99	0.16	4.47
	63 0 0	2.61	2.82	0.62	2.24
	63 0 63	4.13	1.95	0.88	2.05
	63 0 127	6.54	2.88	0.23	2.04
	63 0 191	6.10	3.55	0.38	1.80
	63 0 255	3.26	2.57	1.67	1.94
	63 63 0	0.43	0.74	1.64	1.72
	63 63 63	0.55	0.09	1.54	1.64
	63 63 127	5.43	2.12	1.08	2.56
	63 63 191	6.47	3.45	0.43	2.18
	63 63 255	4.54	2.72	0.82	1.51
	63 127 0	13.14	5.18	0.61	4.30
	63 127 63	11.34	3.99	0.54	4.49
	63 127 127	6.64	0.67	0.39	3.45
	63 127 191	2.28	2.37	0.06	1.70
	63 127 255	1.61	1.28	0.75	1.04
	63 191 0	20.65	6.28	0.68	4.85
	63 191 63	18.99	6.37	0.58	5.11
	63 191 127	14.23	4.62	0.47	4.87
	63 191 191	10.28	1.68	0.28	4.12
	63 191 255	4.21	5.75	0.27	3.76
	63 255 0	27.52	5.57	0.73	4.89
	63 255 63	25.17	5.99	0.69	4.92

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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	19.67	6.64	0.63	4.97
	63 255 191	16.34	3.18	0.53	4.57
	63 255 255	12.62	2.67	0.16	4.35
	127 0 0	7.05	3.95	0.19	2.80
	127 0 63	8.24	0.95	0.01	2.57
	127 0 127	8.75	2.85	0.17	2.56
	127 0 191	8.13	4.40	0.56	2.41
	127 0 255	5.24	4.05	1.57	2.25
	127 63 0	6.33	5.06	0.79	3.56
	127 63 63	7.10	2.02	0.74	3.39
	127 63 127	8.84	2.15	0.50	3.25
	127 63 191	8.66	4.49	0.11	2.86
	127 63 255	6.08	4.12	0.92	2.09
	127 127 0	7.46	0.43	0.36	2.12
	127 127 63	4.47	0.85	0.26	1.82
	127 127 127	0.87	0.15	0.14	0.90
	127 127 191	2.71	1.08	0.10	1.24
	127 127 255	2.61	1.25	0.82	1.19
	127 191 0	14.69	3.39	0.52	3.48
	127 191 63	12.29	3.85	0.40	3.56
	127 191 127	7.33	3.78	0.33	3.44
	127 191 191	5.50	0.70	0.14	2.86
	127 191 255	1.97	3.19	0.37	2.19
	127 255 0	22.81	3.46	0.58	4.11
	127 255 63	20.24	4.18	0.58	4.08
	127 255 127	14.57	5.36	0.53	4.09
	127 255 191	11.78	3.04	0.40	3.86
	127 255 255	9.17	2.04	0.07	3.68
	191 0 0	11.08	3.78	0.25	2.87
	191 0 63	11.25	1.50	0.17	2.82
	191 0 127	11.68	0.97	0.30	2.79
	191 0 191	11.06	3.98	0.54	2.76
	191 0 255	8.36	5.03	1.30	2.59
	191 63 0	11.32	4.76	0.34	3.44
	191 63 63	10.68	3.31	0.32	3.44
	191 63 127	11.77	0.32	0.18	3.30
	191 63 191	11.36	3.70	0.10	3.04
	191 63 255	8.85	5.04	0.88	2.63
	191 127 0	8.97	2.50	0.16	2.58
	191 127 63	6.18	2.32	0.08	2.38
	191 127 127	4.96	2.19	0.02	2.74
	191 127 191	6.23	1.92	0.21	2.46
	191 127 255	5.27	3.23	0.83	2.14
	191 191 0	11.32	0.23	0.38	2.54
	191 191 63	8.16	0.74	0.30	2.17
	191 191 127	1.97	1.08	0.23	1.08
	191 191 191	0.69	0.16	0.04	0.71

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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	1.59	0.14	0.44	0.77
	191 255 0	18.44	1.32	0.51	3.41
	191 255 63	15.43	2.10	0.49	3.19
	191 255 127	9.08	3.42	0.42	2.84
	191 255 191	5.95	2.62	0.31	2.70
	191 255 255	4.73	1.09	0.00	2.58
	255 0 0	16.71	1.56	0.33	3.01
	255 0 63	14.31	2.53	0.27	3.02
	255 0 127	14.23	1.35	0.36	3.04
	255 0 191	14.21	2.51	0.54	2.93
	255 0 255	11.71	5.12	1.10	2.88
	255 63 0	16.71	3.00	0.14	3.33
	255 63 63	14.19	3.82	0.13	3.42
	255 63 127	14.08	2.46	0.01	3.42
	255 63 191	14.39	1.83	0.19	3.11
	255 63 255	12.01	4.84	0.77	2.91
	255 127 0	14.10	2.66	0.07	3.13
	255 127 63	10.73	3.13	0.01	2.96
	255 127 127	9.30	3.58	0.09	3.37
	255 127 191	10.34	0.60	0.28	2.94
	255 127 255	8.84	3.67	0.77	2.70
	255 191 0	13.12	1.87	0.29	2.89
	255 191 63	9.33	1.80	0.21	2.41
	255 191 127	3.83	2.91	0.13	2.18
	255 191 191	4.58	2.00	0.03	2.62
	255 191 255	4.79	1.84	0.43	2.10
	255 255 0	17.10	0.79	0.43	3.23
	255 255 63	13.41	0.19	0.40	2.76
	255 255 127	6.04	0.42	0.37	1.64
	255 255 191	1.88	0.27	0.28	0.84
	255 255 255 (1)	-	-	-	-
	Average (2)	9.76	2.90	0.49	2.99
	Maximum (2)	28.96	6.66	1.97	5.32

(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	99%