

Colorimetric Report

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Date	Saturday, January 16, 2021
Tester	Oliver Jachmann
Display	ViewSonic VX2458-P-MHD
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)	6268 Kelvin
White Point XYZ (normalized)	97.82 100.00 110.22
DeltaE to D50/ D65	20.40/ 4.88
Assumed Target Whitepoint (2)	6300 Kelvin
DeltaE to Assumed Target Whitepoint	5.53
Brightness	328.66 cd/m²
Black Point	0.31 cd/m²
Contrast (x:1)	1060:1
Gradation (Average)	2.04

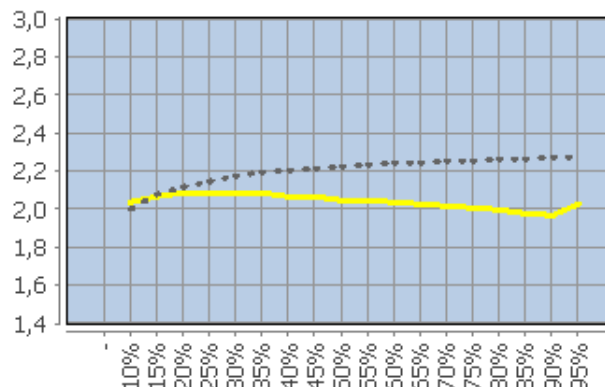
(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6469	0.49	0.84	2.04
	15	6695	0.88	0.88	2.07
	20	6699	1.30	1.51	2.08
	25	6612	1.13	1.74	2.08
	30	6616	1.34	2.26	2.08
	35	6581	1.22	2.49	2.08
	40	6610	1.51	2.87	2.07
	45	6577	1.60	3.05	2.07
	50	6587	1.69	3.25	2.05
	55	6550	1.65	3.16	2.05
	60	6554	1.80	3.25	2.04
	65	6517	1.71	3.11	2.03
	70	6508	1.74	3.02	2.02
	75	6464	1.58	2.73	2.01
	80	6435	1.39	2.39	2.00
	85	6407	1.21	1.99	1.98
	90	6391	1.11	1.57	1.97
	95	6363	0.99	1.10	2.03
	100 (3)	6268	-	-	-
	Average (4)	-	1.4	2.38	2.04
	Maximum (4)	-	1.8	3.25	-
	Range (4)	-	1.8	-	-

(3) Visual adaptation to display whitepoint is assumed

(4) Only luminance > 1% considered

Corresponding Gamma



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Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	1.25	0.00	0.85	1.51
	0 0 63	9.99	5.44	0.27	4.73
	0 0 127	25.22	10.36	2.62	7.70
	0 0 191	31.84	13.80	4.39	8.76
	0 0 255	31.38	14.92	5.60	8.71
	0 63 0	6.37	1.46	0.69	2.43
	0 63 63	1.01	2.84	0.24	2.31
	0 63 127	13.31	8.82	0.79	7.15
	0 63 191	21.63	11.40	2.33	7.41
	0 63 255	22.47	12.06	3.82	6.95
	0 127 0	17.04	1.90	1.65	4.46
	0 127 63	8.88	1.20	1.47	3.10
	0 127 127	2.12	4.30	1.01	3.26
	0 127 191	7.43	7.12	0.06	5.07
	0 127 255	8.79	6.50	1.10	3.85
	0 191 0	22.11	4.76	1.09	4.70
	0 191 63	13.85	0.41	0.97	3.07
	0 191 127	4.45	3.33	0.74	2.26
	0 191 191	1.56	5.14	0.20	3.26
	0 191 255	3.01	3.46	0.56	2.34
	0 255 0	24.59	10.43	0.10	5.36
	0 255 63	16.24	5.54	0.16	3.42
	0 255 127	5.10	0.72	0.30	1.10
	0 255 191	0.34	3.43	0.64	1.83
	0 255 255	0.20	2.91	1.15	2.02
	63 0 0	1.19	3.09	2.11	2.99
	63 0 63	3.63	0.08	1.23	1.75
	63 0 127	17.02	4.76	0.68	4.58
	63 0 191	25.53	9.93	2.81	6.57
	63 0 255	27.07	12.58	4.46	7.30
	63 63 0	6.28	2.51	1.42	3.26
	63 63 63	1.17	0.16	1.07	1.59
	63 63 127	11.50	4.24	0.15	4.83
	63 63 191	18.73	8.25	1.36	5.78
	63 63 255	19.84	10.25	2.98	5.87
	63 127 0	17.60	0.98	2.32	5.08
	63 127 63	8.97	1.07	2.17	3.73
	63 127 127	2.31	2.72	1.73	2.94
	63 127 191	6.63	4.87	0.80	3.96
	63 127 255	7.35	5.12	0.39	3.00
	63 191 0	22.73	4.46	1.72	5.09
	63 191 63	14.30	0.75	1.64	3.55
	63 191 127	4.81	2.42	1.38	2.37
	63 191 191	1.74	3.82	0.83	2.71
	63 191 255	2.27	2.15	0.10	1.51
	63 255 0	24.76	10.39	0.08	5.46
	63 255 63	16.34	5.81	0.04	3.57

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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	4.95	0.14	0.10	1.01
	63 255 191	0.58	2.86	0.42	1.53
	63 255 255	0.53	2.48	0.92	1.73
	127 0 0	2.67	6.99	2.94	4.75
	127 0 63	0.18	2.15	2.86	3.11
	127 0 127	8.18	0.24	1.75	2.66
	127 0 191	16.23	4.61	0.02	3.56
	127 0 255	18.58	8.35	1.80	4.42
	127 63 0	8.55	6.88	2.47	5.31
	127 63 63	0.88	2.16	2.43	2.87
	127 63 127	7.55	0.60	1.73	3.07
	127 63 191	14.15	3.92	0.41	3.69
	127 63 255	15.14	7.38	1.13	3.97
	127 127 0	18.23	2.83	2.91	6.03
	127 127 63	8.17	2.76	2.93	4.64
	127 127 127	1.57	0.23	2.49	2.95
	127 127 191	6.13	2.33	1.68	3.23
	127 127 255	6.00	4.24	0.54	2.54
	127 191 0	23.14	3.24	2.20	5.54
	127 191 63	13.83	0.87	2.19	4.03
	127 191 127	3.35	1.28	1.99	2.43
	127 191 191	0.51	2.76	1.49	2.59
	127 191 255	1.41	2.06	0.77	1.61
	127 255 0	25.27	10.20	0.44	5.77
	127 255 63	16.11	6.57	0.45	3.96
	127 255 127	3.93	1.31	0.31	1.10
	127 255 191	1.93	1.39	0.01	0.96
	127 255 255	1.98	2.07	0.47	1.59
	191 0 0	7.14	12.57	2.86	6.42
	191 0 63	0.05	5.16	3.03	3.94
	191 0 127	3.17	1.39	2.42	2.62
	191 0 191	9.83	0.43	1.24	2.27
	191 0 255	12.39	4.43	0.16	2.53
	191 63 0	11.09	13.02	2.69	7.16
	191 63 63	0.95	5.58	2.86	4.13
	191 63 127	2.70	2.14	2.35	2.72
	191 63 191	9.28	0.29	1.40	2.49
	191 63 255	10.64	3.94	0.14	2.40
	191 127 0	18.53	10.78	3.16	7.79
	191 127 63	7.06	8.22	3.24	6.20
	191 127 127	1.62	0.82	2.92	3.07
	191 127 191	3.73	1.03	2.22	2.65
	191 127 255	4.44	2.31	1.27	1.97
	191 191 0	24.98	2.41	2.52	6.19
	191 191 63	14.92	2.85	2.58	4.87
	191 191 127	3.67	2.61	2.40	3.30
	191 191 191	1.51	0.24	1.95	2.48

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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	0.79	1.12	1.24	1.48
	191 255 0	27.64	7.26	0.77	5.82
	191 255 63	18.06	4.96	0.81	4.20
	191 255 127	4.93	1.71	0.69	1.63
	191 255 191	1.62	0.32	0.39	0.72
	191 255 255	2.38	1.04	0.08	1.46
	255 0 0	10.99	18.82	1.65	7.75
	255 0 63	1.00	7.31	1.55	3.46
	255 0 127	1.03	2.48	1.21	1.64
	255 0 191	5.25	3.74	0.39	1.88
	255 0 255	8.43	0.14	0.57	1.48
	255 63 0	12.89	18.94	1.74	8.22
	255 63 63	0.38	8.34	1.68	4.05
	255 63 127	1.90	2.46	1.35	1.83
	255 63 191	4.51	4.42	0.63	2.26
	255 63 255	7.12	0.60	0.28	1.29
	255 127 0	17.14	18.49	2.42	9.15
	255 127 63	4.12	13.00	2.40	6.79
	255 127 127	4.88	2.74	2.12	2.97
	255 127 191	0.85	3.46	1.60	2.47
	255 127 255	1.68	1.18	0.79	1.03
	255 191 0	25.23	12.00	2.14	7.80
	255 191 63	14.07	10.96	2.13	6.65
	255 191 127	1.02	7.42	1.96	4.89
	255 191 191	3.88	0.08	1.56	2.41
	255 191 255	1.28	1.35	0.95	1.35
	255 255 0	30.60	0.45	0.61	5.74
	255 255 63	20.55	1.48	0.60	4.28
	255 255 127	6.70	2.38	0.48	2.19
	255 255 191	0.14	1.41	0.19	0.97
	255 255 255 (1)	-	-	-	-
	Average (2)	9.52	4.64	1.46	3.79
	Maximum (2)	31.84	18.94	5.60	9.15

(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	97%