Colorimetric Report
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Date	Tuesday, November 15, 2022
Tester	
Display	LG_38WQ88C
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

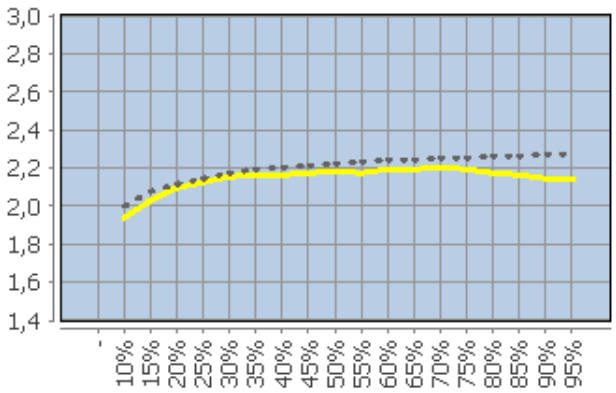
White Point (CCT)	6575 Kelvin
White Point XYZ (normalized)	96.44 100.00 112.48
DeltaE to D50/ D65	21.75/ 3.26
Assumed Target Whitepoint (2)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	2.86
Brightness (3)	222.50 cd/m²
Black Point (3)	0.25 cd/m²
Contrast (x:1)	890:1
Gradation (Average)	2.14

(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6436	0.74	1.41	1.94
	15	6546	0.24	0.96	2.03
	20	6444	0.39	0.74	2.09
	25	6472	0.57	0.87	2.12
	30	6666	1.00	1.12	2.15
	35	6658	0.60	0.78	2.16
	40	6553	0.39	0.83	2.16
	45	6555	0.23	0.86	2.17
	50	6583	0.33	0.81	2.18
	55	6570	0.57	1.09	2.17
	60	6592	0.47	0.85	2.19
	65	6564	0.47	0.80	2.19
	70	6566	0.64	0.85	2.20
	75	6624	0.42	0.71	2.19
	80	6623	0.32	0.73	2.17
	85	6596	0.42	0.71	2.16
	90	6592	0.51	0.70	2.14
	95	6601	0.56	0.61	2.14
	100 (4)	6575	-	-	-
	Average (5)	-	0.49	0.86	2.14
	Maximum (5)	-	1.0	1.41	-
	Range (5)	-	1.48	-	-

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

Corresponding Gamma



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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	0 0 0	0.76	0.00	1.18	1.40
	0 0 63	2.31	1.84	0.71	1.53
	0 0 127	5.31	2.19	0.28	1.55
	0 0 191	8.04	3.27	0.03	1.86
	0 0 255	9.82	4.20	0.47	2.03
	0 63 0	7.15	2.55	0.64	2.94
	0 63 63	4.46	1.07	0.59	2.65
	0 63 127	2.22	0.45	0.49	0.95
	0 63 191	4.95	1.51	0.31	1.32
	0 63 255	6.88	2.73	0.05	1.52
	0 127 0	16.24	2.27	0.57	4.05
	0 127 63	12.05	2.82	0.67	3.97
	0 127 127	7.88	1.59	0.62	3.59
	0 127 191	2.90	3.14	0.60	2.25
	0 127 255	2.74	1.31	0.40	0.97
	0 191 0	22.91	2.60	0.48	4.45
	0 191 63	18.73	4.26	0.53	4.40
	0 191 127	14.42	3.00	0.52	4.27
	0 191 191	10.42	1.96	0.54	3.93
	0 191 255	4.73	5.60	0.44	3.68
	0 255 0	28.89	3.02	0.40	4.67
	0 255 63	24.89	4.94	0.40	4.58
	0 255 127	19.93	5.53	0.40	4.61
	0 255 191	16.53	2.75	0.36	4.36
	0 255 255	13.05	2.96	0.24	4.36
	63 0 0	4.48	1.82	0.65	2.27
	63 0 63	4.64	1.68	0.73	2.03
	63 0 127	6.78	2.83	0.32	2.08
	63 0 191	8.51	3.65	0.17	2.07
	63 0 255	10.05	4.58	0.32	2.15
	63 63 0	4.20	0.03	0.60	1.73
	63 63 63	0.20	0.01	0.73	0.76
	63 63 127	3.12	1.16	0.61	1.45
	63 63 191	5.66	2.31	0.47	1.71
	63 63 255	7.26	3.27	0.03	1.72
	63 127 0	13.68	1.01	0.68	3.59
	63 127 63	8.71	2.25	0.79	3.28
	63 127 127	5.25	1.08	0.79	2.91
	63 127 191	2.26	1.93	0.75	1.64
	63 127 255	2.74	0.42	0.55	0.86
	63 191 0	21.31	1.66	0.56	4.23
	63 191 63	16.39	3.60	0.64	4.00
	63 191 127	12.05	2.89	0.67	3.90
	63 191 191	8.72	1.59	0.65	3.58
	63 191 255	3.70	4.84	0.55	3.22
	63 255 0	27.28	2.39	0.42	4.46
	63 255 63	23.08	4.35	0.42	4.30

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(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	17.98	5.29	0.41	4.34
	63 255 191	14.78	2.83	0.38	4.12
	63 255 255	11.71	2.69	0.25	4.09
	127 0 0	8.89	2.97	0.10	2.84
	127 0 63	9.16	0.89	0.15	2.84
	127 0 127	10.13	2.42	0.09	2.74
	127 0 191	10.74	4.08	0.08	2.60
	127 0 255	11.50	5.26	0.32	2.54
	127 63 0	8.64	1.33	0.38	2.77
	127 63 63	5.45	1.58	0.52	2.60
	127 63 127	6.84	1.68	0.49	2.54
	127 63 191	8.05	3.27	0.39	2.40
	127 63 255	8.78	4.37	0.10	2.24
	127 127 0	12.08	0.42	0.60	3.42
	127 127 63	4.58	0.47	0.76	1.94
	127 127 127	0.22	0.09	0.83	0.86
	127 127 191	2.65	0.72	0.74	1.33
	127 127 255	3.76	1.64	0.60	1.33
	127 191 0	17.87	0.08	0.56	3.81
	127 191 63	12.07	2.03	0.64	3.16
	127 191 127	7.08	2.45	0.68	2.95
	127 191 191	4.79	0.78	0.65	2.60
	127 191 255	1.79	2.56	0.55	1.85
	127 255 0	24.05	0.95	0.41	4.09
	127 255 63	19.34	2.88	0.41	3.72
	127 255 127	13.73	4.35	0.41	3.66
	127 255 191	10.81	2.77	0.38	3.54
	127 255 255	8.49	2.09	0.27	3.46
	191 0 0	15.18	1.14	0.01	3.21
	191 0 63	12.30	3.02	0.01	3.32
	191 0 127	13.32	0.19	0.01	3.12
	191 0 191	13.70	3.38	0.05	3.00
	191 0 255	13.70	5.51	0.31	2.95
	191 63 0	15.31	0.03	0.22	3.51
	191 63 63	9.79	2.99	0.38	3.15
	191 63 127	10.78	0.32	0.34	3.04
	191 63 191	11.43	2.90	0.26	2.88
	191 63 255	11.36	4.96	0.01	2.75
	191 127 0	14.38	0.48	0.57	3.66
	191 127 63	6.63	1.69	0.66	2.41
	191 127 127	4.72	1.59	0.67	2.51
	191 127 191	6.09	1.62	0.65	2.41
	191 127 255	6.35	3.32	0.51	2.23
	191 191 0	16.59	1.00	0.52	3.74
	191 191 63	9.63	0.00	0.58	2.56
	191 191 127	2.91	0.46	0.61	1.34
	191 191 191	0.44	0.12	0.60	0.75

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Rendering Intent	-

(1) Five equally spaced code values for each channel

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	1.68	0.67	0.51	0.94
	191 255 0	21.23	0.56	0.33	3.85
	191 255 63	15.66	1.08	0.35	3.13
	191 255 127	8.98	2.72	0.35	2.62
	191 255 191	5.66	2.42	0.33	2.54
	191 255 255	4.25	1.14	0.21	2.37
	255 0 0	21.74	1.52	0.21	3.86
	255 0 63	15.20	4.39	0.18	3.52
	255 0 127	15.83	2.85	0.24	3.53
	255 0 191	16.69	1.15	0.25	3.21
	255 0 255	16.42	4.61	0.46	3.17
	255 63 0	21.04	1.79	0.01	3.96
	255 63 63	13.58	3.76	0.03	3.29
	255 63 127	13.64	3.03	0.04	3.43
	255 63 191	14.64	0.80	0.02	3.07
	255 63 255	14.33	4.24	0.17	2.99
	255 127 0	18.52	0.67	0.39	3.85
	255 127 63	10.78	2.32	0.46	2.83
	255 127 127	8.51	3.14	0.49	3.08
	255 127 191	9.82	0.02	0.46	2.80
	255 127 255	9.66	3.28	0.33	2.65
	255 191 0	18.39	0.66	0.42	3.89
	255 191 63	10.75	1.23	0.47	2.69
	255 191 127	4.17	2.30	0.48	2.02
	255 191 191	4.16	1.82	0.47	2.42
	255 191 255	4.89	1.80	0.36	2.11
	255 255 0	20.44	1.34	0.15	3.85
	255 255 63	14.01	0.42	0.14	2.86
	255 255 127	5.92	0.47	0.15	1.58
	255 255 191	1.57	0.51	0.11	0.74
	255 255 255 (1)	-	-	-	-
	Average (2)	10.49	0.00	0.42	2.86
	Maximum (2)	28.89	5.60	1.18	4.67

(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%