

Colorimetric Report

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Date	Thursday, June 23, 2022
Tester	Damian Köb
Display	ViewSonic VX1755
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	sRGB
Display Profile	Considered
Rendering Intent	Relative colorimetric

(1) Five equally spaced code values for each channel

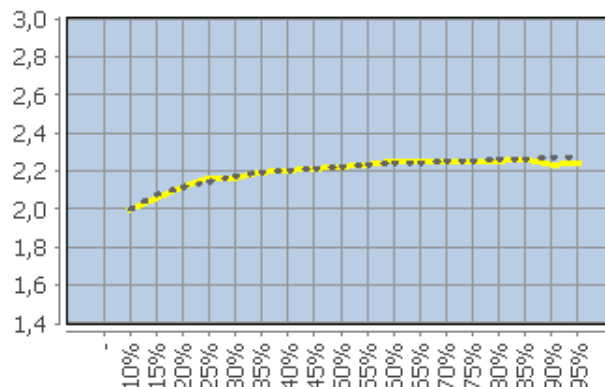
White Point (CCT)	6489 Kelvin
White Point XYZ (normalized)	95.09 100.00 108.75
DeltaE to D50/ D65	19.41/ 0.11
Assumed Target Whitepoint (2)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	0.13
Brightness (3)	139.30 cd/m²
Black Point (3)	0.12 cd/m²
Contrast (x:1)	1161:1
Gradation (Average)	2.19

(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6571	0.77	0.78	2.00
	15	6404	0.88	0.91	2.06
	20	6385	1.09	1.11	2.11
	25	6597	0.32	0.37	2.16
	30	6452	0.82	0.83	2.16
	35	6589	0.39	0.40	2.19
	40	6536	0.20	0.21	2.20
	45	6435	0.24	0.25	2.21
	50	6471	0.33	0.36	2.22
	55	6468	0.35	0.36	2.23
	60	6480	0.21	0.24	2.25
	65	6493	0.20	0.21	2.25
	70	6524	0.44	0.44	2.25
	75	6503	0.15	0.17	2.25
	80	6486	0.22	0.25	2.25
	85	6441	0.51	0.52	2.26
	90	6511	0.29	0.32	2.23
	95	6534	0.40	0.41	2.24
	100 (4)	6489	-	-	-
	Average (5)	-	0.43	0.45	2.19
	Maximum (5)	-	1.09	1.11	-
	Range (5)	-	1.52	-	-

(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	1.19	0.00	0.47	1.28
	0 0 63	12.51	4.58	4.69	6.89
	0 0 127	28.20	12.05	9.29	12.41
	0 0 191	37.35	16.20	12.61	15.43
	0 0 255	45.95	19.21	15.20	17.74
	0 63 0	7.83	8.97	1.12	6.15
	0 63 63	6.78	0.24	0.70	3.78
	0 63 127	2.46	0.06	0.04	0.85
	0 63 191	8.27	3.66	1.93	3.13
	0 63 255	24.09	10.39	7.89	9.64
	0 127 0	10.66	14.42	1.17	7.50
	0 127 63	11.19	11.15	1.37	7.20
	0 127 127	10.42	0.90	1.29	4.67
	0 127 191	3.63	3.63	0.57	2.62
	0 127 255	2.30	0.45	0.57	0.81
	0 191 0	12.90	19.82	2.43	8.80
	0 191 63	13.49	17.96	2.56	8.83
	0 191 127	14.52	12.29	2.35	7.96
	0 191 191	14.01	0.55	2.07	5.40
	0 191 255	7.16	5.59	1.08	4.19
	0 255 0	24.60	21.98	3.84	9.55
	0 255 63	25.35	19.90	3.58	9.31
	0 255 127	26.44	14.07	2.79	8.42
	0 255 191	24.64	5.53	1.47	6.90
	0 255 255	18.22	2.89	0.03	5.83
	63 0 0	6.23	3.84	2.41	4.32
	63 0 63	14.68	0.11	4.50	6.76
	63 0 127	25.89	7.58	7.93	10.55
	63 0 191	35.91	13.13	11.73	14.28
	63 0 255	44.77	17.05	14.73	17.09
	63 63 0	1.79	0.50	0.48	0.90
	63 63 63	0.37	0.10	0.23	0.45
	63 63 127	1.68	0.40	0.23	0.68
	63 63 191	9.22	3.58	2.41	3.56
	63 63 255	24.58	9.56	7.71	9.43
	63 127 0	4.11	5.13	0.56	2.86
	63 127 63	3.32	3.61	0.38	2.46
	63 127 127	2.04	0.56	0.34	1.18
	63 127 191	1.29	0.87	0.27	0.77
	63 127 255	2.31	0.37	0.37	0.68
	63 191 0	8.90	14.29	1.31	6.38
	63 191 63	9.64	12.66	1.50	6.34
	63 191 127	10.06	8.63	1.32	5.73
	63 191 191	9.15	0.80	1.00	3.70
	63 191 255	4.83	2.75	0.42	2.37
	63 255 0	21.74	18.57	4.35	8.74
	63 255 63	22.51	16.57	4.09	8.46

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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	23.31	11.49	3.29	7.63
	63 255 191	21.26	4.03	1.98	6.21
	63 255 255	15.04	2.66	0.44	5.10
	127 0 0	10.06	4.79	2.76	4.59
	127 0 63	12.16	8.57	4.02	7.32
	127 0 127	23.12	0.31	6.94	8.94
	127 0 191	32.76	7.03	10.26	12.28
	127 0 255	42.19	12.12	13.54	15.55
	127 63 0	4.35	1.14	0.52	1.57
	127 63 63	1.27	0.20	0.04	0.56
	127 63 127	1.15	0.44	0.36	0.59
	127 63 191	12.32	2.68	3.33	4.51
	127 63 255	25.27	7.13	7.85	9.35
	127 127 0	0.42	0.24	0.68	0.70
	127 127 63	0.58	0.07	0.21	0.31
	127 127 127	0.32	0.09	0.08	0.34
	127 127 191	0.90	0.17	0.08	0.37
	127 127 255	2.59	0.02	0.08	0.62
	127 191 0	0.74	0.57	0.88	0.93
	127 191 63	1.52	0.21	0.87	0.95
	127 191 127	0.94	0.07	0.46	0.57
	127 191 191	0.53	0.20	0.36	0.47
	127 191 255	1.96	0.53	0.21	0.82
	127 255 0	13.13	8.26	6.05	7.16
	127 255 63	14.09	6.69	5.74	6.84
	127 255 127	14.25	3.26	4.96	6.07
	127 255 191	11.50	1.00	3.55	4.93
	127 255 255	5.25	2.05	1.96	3.07
	191 0 0	13.43	5.50	4.56	5.88
	191 0 63	10.73	13.08	5.13	8.60
	191 0 127	20.80	8.41	6.96	9.40
	191 0 191	30.56	1.02	9.69	11.35
	191 0 255	39.81	5.15	12.44	14.05
	191 63 0	6.28	4.22	0.80	2.58
	191 63 63	1.00	0.13	0.87	0.91
	191 63 127	5.97	2.24	1.27	2.42
	191 63 191	15.61	0.71	4.67	5.82
	191 63 255	26.58	3.25	8.03	9.35
	191 127 0	2.50	0.14	0.75	0.98
	191 127 63	0.85	0.84	0.26	0.61
	191 127 127	1.36	0.42	0.09	0.69
	191 127 191	1.38	0.46	0.18	0.58
	191 127 255	2.07	0.18	0.26	0.55
	191 191 0	0.52	0.11	0.85	0.86
	191 191 63	0.99	0.10	0.44	0.51
	191 191 127	0.82	0.24	0.23	0.43
	191 191 191	0.10	0.07	0.08	0.15

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	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	1.75	0.22	0.03	0.71
	191 255 0	7.73	1.97	6.42	6.61
	191 255 63	9.39	0.90	6.06	6.34
	191 255 127	10.09	0.79	5.04	5.63
	191 255 191	7.39	2.44	3.41	4.57
	191 255 255	1.58	1.34	1.44	1.94
	255 0 0	25.79	6.15	1.98	5.48
	255 0 63	21.26	11.79	1.73	6.73
	255 0 127	27.31	2.28	0.07	5.77
	255 0 191	31.75	7.58	2.35	7.18
	255 0 255	37.46	13.80	4.87	9.26
	255 63 0	19.13	1.06	5.60	6.64
	255 63 63	14.49	3.42	5.29	6.28
	255 63 127	17.76	3.25	3.58	5.62
	255 63 191	21.17	8.71	0.94	5.93
	255 63 255	27.32	12.71	1.79	7.08
	255 127 0	12.13	3.19	4.88	5.66
	255 127 63	9.89	3.84	4.80	5.66
	255 127 127	11.26	3.63	4.60	6.00
	255 127 191	6.25	9.68	4.76	7.29
	255 127 255	0.42	10.21	6.18	7.77
	255 191 0	2.74	4.30	2.17	2.95
	255 191 63	2.94	4.73	1.75	2.98
	255 191 127	5.36	3.94	1.49	3.33
	255 191 191	6.85	1.52	1.50	3.74
	255 191 255	4.19	5.81	1.93	4.37
	255 255 0	4.47	4.28	4.48	4.88
	255 255 63	6.74	3.58	4.15	4.64
	255 255 127	7.98	2.61	3.20	4.06
	255 255 191	5.51	1.30	1.80	3.01
	255 255 255 (1)	-	-	-	-
	Average (2)	12.11	5.16	3.12	5.23
	Maximum (2)	45.95	21.98	15.20	17.74

(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	57%

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(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	48
Brightness	139,3
Contrast	70
RGB Gain	97 100 89
Gradation	2.2
Other	