

Colorimetric Report

Page (1/5)



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Date	Wednesday, June 22, 2022
Tester	Damian Köb
Display	ViewSonic VX1755
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)	7296 Kelvin
White Point XYZ (normalized)	93.68 100.00 117.88
DeltaE to D50/ D65	25.69/ 5.88
Assumed Target Whitepoint (2)	7300 Kelvin
DeltaE to Assumed Target Whitepoint	2.49
Brightness (3)	254.70 cd/m ²
Black Point (3)	0.23 cd/m ²
Contrast (x:1)	1107:1
Gradation (Average)	2.36

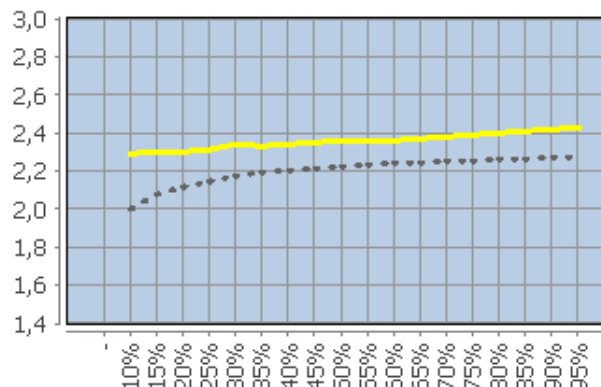
(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	10743	2.27	4.98	2.29
	15	8241	1.60	4.58	2.30
	20	7727	1.05	3.69	2.30
	25	7612	0.75	3.26	2.31
	30	7527	0.72	3.16	2.34
	35	7467	0.68	2.77	2.33
	40	7380	0.43	2.42	2.34
	45	7407	0.50	2.30	2.35
	50	7380	0.40	2.10	2.36
	55	7358	0.41	1.90	2.36
	60	7346	0.33	1.69	2.36
	65	7344	0.35	1.57	2.37
	70	7338	0.29	1.39	2.38
	75	7324	0.26	1.25	2.39
	80	7315	0.23	1.04	2.40
	85	7314	0.25	0.81	2.41
	90	7311	0.17	0.59	2.42
	95	7306	0.09	0.32	2.43
	100 (4)	7295	-	-	-
	Average (5)	-	0.5	2.05	2.36
	Maximum (5)	-	1.6	4.58	-
	Range (5)	-	1.6	-	-

(4) Visual adaptation to display whitepoint is assumed

(5) Only luminance > 1% considered

Corresponding Gamma



Colorimetric Report

Page (2/5)



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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	1.75	0.00	0.00	1.75
	0 0 63	14.41	6.51	2.66	6.81
	0 0 127	29.82	16.11	7.40	12.27
	0 0 191	38.72	21.37	10.93	15.17
	0 0 255	45.81	26.23	14.40	18.06
	0 63 0	14.82	7.44	5.04	8.42
	0 63 63	8.58	2.83	3.14	6.07
	0 63 127	7.48	2.60	1.31	3.31
	0 63 191	20.27	11.77	6.35	9.42
	0 63 255	31.81	19.11	11.04	14.13
	0 127 0	15.54	17.59	5.54	10.79
	0 127 63	16.20	12.69	4.39	9.64
	0 127 127	13.60	3.16	2.00	6.51
	0 127 191	6.57	2.84	1.62	3.30
	0 127 255	13.30	5.86	6.00	7.29
	0 191 0	17.79	25.07	5.69	12.19
	0 191 63	19.13	21.85	4.86	11.57
	0 191 127	22.05	11.89	3.38	9.32
	0 191 191	17.93	3.76	0.96	6.86
	0 191 255	8.28	7.09	2.28	5.48
	0 255 0	19.23	31.57	4.42	12.49
	0 255 63	20.49	29.36	3.99	12.23
	0 255 127	24.51	22.15	3.04	11.02
	0 255 191	25.83	11.38	1.51	8.73
	0 255 255	21.71	3.78	0.76	7.05
	63 0 0	14.69	1.62	3.49	6.95
	63 0 63	16.01	7.54	0.51	7.19
	63 0 127	25.69	14.81	4.67	10.29
	63 0 191	35.89	20.88	9.30	13.89
	63 0 255	43.74	25.84	13.28	17.10
	63 63 0	7.39	2.13	5.17	6.07
	63 63 63	0.80	0.10	3.23	3.33
	63 63 127	7.69	6.10	0.74	4.71
	63 63 191	20.07	13.07	5.79	9.45
	63 63 255	31.26	19.57	10.46	13.79
	63 127 0	10.17	13.60	5.22	9.03
	63 127 63	10.23	10.33	4.09	8.15
	63 127 127	9.15	2.42	1.64	5.27
	63 127 191	5.70	0.22	1.88	2.79
	63 127 255	13.58	7.53	6.03	7.70
	63 191 0	14.17	22.46	5.41	11.21
	63 191 63	15.68	19.72	4.51	10.65
	63 191 127	18.69	10.93	3.05	8.65
	63 191 191	15.21	3.32	0.66	6.29
	63 191 255	7.26	5.53	2.61	4.90
	63 255 0	16.93	29.83	4.28	11.95
	63 255 63	18.46	27.76	3.81	11.70

Colorimetric Report

Page (3/5)



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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	22.57	20.77	2.92	10.52
	63 255 191	24.03	10.79	1.31	8.44
	63 255 255	20.06	3.70	0.92	6.87
	127 0 0	19.28	2.38	4.49	6.95
	127 0 63	18.87	1.43	3.00	6.54
	127 0 127	23.78	11.52	1.05	8.18
	127 0 191	32.10	18.51	5.80	11.24
	127 0 255	40.20	24.01	10.46	14.69
	127 63 0	9.91	3.39	5.52	6.58
	127 63 63	9.66	1.73	4.02	5.85
	127 63 127	12.85	8.20	0.54	6.54
	127 63 191	21.12	14.11	3.88	8.99
	127 63 255	30.63	19.65	8.59	12.52
	127 127 0	3.31	4.73	5.43	6.06
	127 127 63	2.42	3.33	4.27	4.88
	127 127 127	0.33	0.09	2.08	2.10
	127 127 191	6.11	4.77	1.24	4.04
	127 127 255	14.80	10.31	5.32	8.06
	127 191 0	7.18	16.22	5.43	9.16
	127 191 63	8.10	14.54	4.57	8.69
	127 191 127	10.49	9.22	3.11	7.39
	127 191 191	8.88	2.15	0.75	4.88
	127 191 255	4.94	1.67	2.35	3.16
	127 255 0	11.27	25.19	4.42	10.68
	127 255 63	12.90	23.63	3.90	10.49
	127 255 127	16.73	18.31	2.98	9.66
	127 255 191	18.42	10.34	1.38	7.99
	127 255 255	15.62	2.83	0.84	6.19
	191 0 0	23.70	4.87	5.25	7.53
	191 0 63	22.50	3.31	4.20	7.06
	191 0 127	26.10	7.05	1.40	7.12
	191 0 191	30.98	15.48	2.51	9.16
	191 0 255	37.43	21.81	7.03	12.07
	191 63 0	16.82	5.99	5.76	7.48
	191 63 63	16.78	4.45	4.47	6.85
	191 63 127	19.95	5.65	2.06	6.68
	191 63 191	24.21	13.35	1.80	8.36
	191 63 255	30.80	19.12	6.08	10.97
	191 127 0	6.17	4.03	5.67	6.21
	191 127 63	5.28	4.96	4.65	5.73
	191 127 127	9.37	1.76	2.75	5.21
	191 127 191	12.09	7.85	0.21	6.37
	191 127 255	18.03	13.05	4.02	8.52
	191 191 0	2.26	6.47	5.62	6.38
	191 191 63	2.44	5.73	4.77	5.63
	191 191 127	3.10	3.45	3.33	4.22
	191 191 191	0.23	0.06	1.17	1.19

Colorimetric Report

Page (4/5)



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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	5.04	3.88	1.78	3.70
	191 255 0	4.63	17.30	4.65	8.35
	191 255 63	5.86	16.50	4.12	8.18
	191 255 127	8.88	13.24	3.19	7.62
	191 255 191	9.74	8.63	1.64	6.62
	191 255 255	8.57	1.48	0.51	4.60
	255 0 0	27.53	6.61	5.26	7.59
	255 0 63	25.83	6.43	4.65	7.40
	255 0 127	29.20	2.10	2.71	6.71
	255 0 191	32.65	11.46	0.35	7.79
	255 0 255	36.87	18.99	4.21	10.07
	255 63 0	22.24	7.89	5.74	7.75
	255 63 63	21.98	6.87	4.95	7.41
	255 63 127	25.49	1.49	2.91	6.55
	255 63 191	28.33	10.49	0.08	7.51
	255 63 255	32.44	17.61	3.71	9.60
	255 127 0	12.62	8.78	5.67	7.33
	255 127 63	12.73	8.88	4.82	7.13
	255 127 127	17.12	4.00	3.23	6.36
	255 127 191	20.24	6.05	0.68	6.61
	255 127 255	23.27	13.62	2.59	8.53
	255 191 0	3.57	2.66	5.61	5.78
	255 191 63	3.37	3.37	4.91	5.24
	255 191 127	5.35	4.01	3.59	4.69
	255 191 191	8.77	1.69	1.62	4.63
	255 191 255	11.19	7.34	1.09	6.17
	255 255 0	0.81	7.66	4.85	5.77
	255 255 63	1.54	7.21	4.34	5.36
	255 255 127	3.79	5.45	3.45	4.55
	255 255 191	2.97	3.06	1.96	3.09
	255 255 255 (1)	-	-	-	-
	Average (2)	16.30	10.16	3.91	7.87
	Maximum (2)	45.81	31.57	14.40	18.06

(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	50%

Colorimetric Report

Page (5/5)



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Rendering Intent	-

(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	53
Brightness	116.3
Contrast	70
RGB Gain	
Gradation	
Other	