Colorimetric Report
Page (1/4)

Date	Sunday, October 16, 2022
Tester	Oliver Jachmann
Display	Acer-Predator X32FP
Sensor	X-Rite i1 Display Pro (Corr.: RGB-LED, XR)
Testchart	In accordance with ISO 12646:2007 (1)
Target	AdobeRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

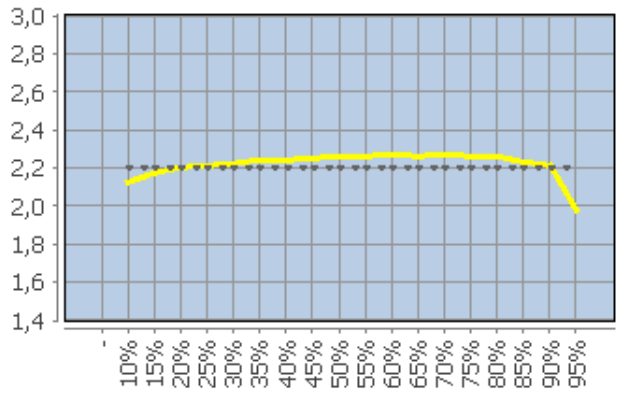
White Point (CCT)	6077 Kelvin
White Point XYZ (normalized)	96.73 100.00 105.02
DeltaE to D50/ D65	16.75/ 3.79
Assumed Target Whitepoint (2)	6100 Kelvin
DeltaE to Assumed Target Whitepoint	3.17
Brightness	438.19 cd/m²
Black Point	0.35 cd/m²
Contrast (x:1)	1252:1
Gradation (Average)	2.22

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6196	0.21	1.14	2.12
	15	6108	0.19	0.52	2.17
	20	6077	0.00	0.08	2.20
	25	6070	0.07	0.25	2.21
	30	6082	0.06	0.48	2.22
	35	6079	0.03	0.67	2.24
	40	6075	0.09	0.80	2.24
	45	6053	0.16	0.89	2.25
	50	6068	0.12	0.92	2.26
	55	6062	0.15	0.98	2.26
	60	6077	0.15	0.93	2.27
	65	6067	0.24	0.79	2.26
	70	6067	0.16	0.73	2.27
	75	6070	0.29	0.65	2.26
	80	6067	0.08	0.45	2.26
	85	6070	0.19	0.26	2.23
	90	6066	0.23	0.24	2.21
	95	6065	0.20	0.47	1.98
	100 (3)	6077	-	-	-
	Average (4)	-	0.14	0.59	2.22
	Maximum (4)	-	0.29	0.98	-
	Range (4)	-	0.48	-	-

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

Corresponding Gamma



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Page (2/4)

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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	0.86	0.00	0.73	1.13
	0 0 63	1.28	0.02	0.48	0.65
	0 0 127	1.02	0.27	0.33	0.41
	0 0 191	1.01	0.81	0.35	0.50
	0 0 255	4.36	1.65	0.16	0.84
	0 63 0	4.05	3.32	0.31	2.13
	0 63 63	4.13	1.76	0.34	2.20
	0 63 127	1.76	2.95	0.01	1.83
	0 63 191	0.41	0.78	0.06	0.36
	0 63 255	2.85	0.73	0.06	0.53
	0 127 0	10.17	5.63	0.12	2.94
	0 127 63	10.08	2.66	0.03	2.55
	0 127 127	7.63	3.11	0.04	3.00
	0 127 191	1.68	4.66	0.01	2.73
	0 127 255	1.48	1.65	0.17	0.85
	0 191 0	16.68	6.90	0.79	3.40
	0 191 63	16.55	5.03	0.86	3.28
	0 191 127	15.46	0.28	0.80	3.16
	0 191 191	11.33	4.25	0.79	3.67
	0 191 255	5.27	5.83	0.83	3.50
	0 255 0	23.19	8.36	2.22	4.28
	0 255 63	23.12	6.99	2.17	4.20
	0 255 127	22.53	3.00	2.10	4.04
	0 255 191	19.83	1.34	2.02	4.10
	0 255 255	14.79	5.10	1.90	4.37
	63 0 0	3.74	4.55	1.07	3.41
	63 0 63	4.87	1.08	0.98	2.06
	63 0 127	2.92	2.30	1.08	1.67
	63 0 191	3.52	2.15	0.86	1.34
	63 0 255	5.88	2.50	0.53	1.30
	63 63 0	0.54	0.23	0.35	0.43
	63 63 63	0.12	0.04	0.25	0.28
	63 63 127	0.38	0.21	0.38	0.42
	63 63 191	1.25	0.77	0.36	0.56
	63 63 255	3.85	1.55	0.17	0.86
	63 127 0	5.96	3.68	0.26	2.10
	63 127 63	6.04	2.36	0.08	2.05
	63 127 127	4.99	2.28	0.10	2.48
	63 127 191	0.71	3.17	0.07	1.92
	63 127 255	1.55	0.89	0.12	0.56
	63 191 0	13.73	5.92	0.70	3.05
	63 191 63	13.58	4.70	0.78	3.04
	63 191 127	13.12	0.66	0.74	2.97
	63 191 191	9.64	3.76	0.73	3.46
	63 191 255	4.25	5.37	0.79	3.28
	63 255 0	20.95	7.82	2.06	4.05
	63 255 63	20.58	6.71	2.02	3.98

Colorimetric Report
Page (3/4)

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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	20.13	3.21	1.96	3.84
	63 255 191	17.88	0.92	1.89	3.88
	63 255 255	13.34	4.72	1.78	4.17
	127 0 0	8.24	5.83	2.82	4.48
	127 0 63	9.62	3.50	2.65	4.24
	127 0 127	9.37	1.67	2.51	3.47
	127 0 191	8.76	2.99	2.17	2.98
	127 0 255	9.90	3.40	1.65	2.52
	127 63 0	5.48	3.74	1.97	3.16
	127 63 63	5.26	3.39	1.79	3.35
	127 63 127	5.88	1.26	1.71	2.59
	127 63 191	5.98	2.35	1.52	2.27
	127 63 255	7.51	2.78	1.16	2.00
	127 127 0	3.35	0.17	1.14	1.43
	127 127 63	0.87	0.27	0.95	1.01
	127 127 127	0.18	0.06	0.90	0.92
	127 127 191	1.35	0.21	0.83	0.98
	127 127 255	3.52	0.99	0.56	1.10
	127 191 0	8.85	4.24	0.05	2.37
	127 191 63	8.00	4.12	0.16	2.51
	127 191 127	7.88	1.86	0.17	2.56
	127 191 191	5.92	2.31	0.18	2.90
	127 191 255	2.10	3.37	0.28	2.20
	127 255 0	16.45	7.00	1.54	3.61
	127 255 63	15.71	6.41	1.53	3.60
	127 255 127	15.50	3.90	1.48	3.54
	127 255 191	14.04	0.26	1.43	3.53
	127 255 255	10.37	3.71	1.35	3.79
	191 0 0	17.43	2.41	3.28	4.77
	191 0 63	13.83	5.67	3.21	5.08
	191 0 127	14.54	0.95	3.14	4.52
	191 0 191	14.05	2.31	2.90	4.05
	191 0 255	14.52	3.57	2.53	3.65
	191 63 0	15.42	2.60	2.78	4.33
	191 63 63	11.10	5.62	2.67	4.62
	191 63 127	12.05	1.33	2.59	4.04
	191 63 191	11.82	2.08	2.40	3.59
	191 63 255	12.37	3.32	2.09	3.23
	191 127 0	9.14	4.21	1.97	3.45
	191 127 63	5.08	5.04	1.82	3.55
	191 127 127	6.13	2.76	1.78	3.48
	191 127 191	6.94	1.24	1.67	2.88
	191 127 255	7.85	2.41	1.40	2.54
	191 191 0	6.62	0.45	0.69	1.52
	191 191 63	3.83	0.07	0.61	1.10
	191 191 127	1.85	0.30	0.60	0.95
	191 191 191	0.24	0.07	0.56	0.62

Colorimetric Report
Page (4/4)

CCalc 2.5

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Testchart	In accordance with ISO 12646:2007 (1)
Target	AdobeRGB
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	2.03	0.24	0.43	0.92
	191 255 0	11.27	4.30	0.84	2.54
	191 255 63	9.84	4.45	0.83	2.59
	191 255 127	8.83	3.76	0.79	2.76
	191 255 191	8.11	1.75	0.75	2.86
	191 255 255	5.86	2.06	0.70	2.96
	255 0 0	26.71	0.61	3.26	5.37
	255 0 63	19.14	6.37	3.27	5.30
	255 0 127	19.03	3.90	3.25	5.13
	255 0 191	19.13	0.21	3.14	4.68
	255 0 255	19.20	2.73	2.98	4.39
	255 63 0	24.42	0.69	2.96	5.02
	255 63 63	17.16	6.54	2.94	5.04
	255 63 127	9.94	4.55	0.91	2.97
	255 63 191	17.30	0.07	2.81	4.38
	255 63 255	17.33	2.56	2.66	4.07
	255 127 0	17.90	4.59	2.33	4.41
	255 127 63	12.38	6.95	2.25	4.56
	255 127 127	11.98	5.28	2.21	4.58
	255 127 191	12.95	0.98	2.14	3.94
	255 127 255	13.04	2.00	1.99	3.51
	255 191 0	11.21	4.74	1.25	3.14
	255 191 63	7.00	5.01	1.19	2.97
	255 191 127	4.83	4.78	1.19	3.30
	255 191 191	6.00	2.48	1.15	3.19
	255 191 255	7.06	1.07	1.09	2.69
	255 255 0	9.50	0.52	0.13	1.64
	255 255 63	6.75	0.07	0.09	1.27
	255 255 127	3.78	0.27	0.06	0.96
	255 255 191	1.83	0.40	0.03	0.78
	255 255 255 (1)	-	-	-	-
	Average (2)	9.29	0.00	1.28	2.83
	Maximum (2)	26.71	8.36	3.28	5.37

(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
AdobeRGB	100%