

Colorimetric Report

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Date	Wednesday, March 27, 2019
Tester	Denis Freund
Display	Eizo EV2457
Sensor	X-Rite i1 Pro
Testchart	In accordance with ISO 12646:2007 (1)
Target	AdobeRGB
Display Profile	Considered
Rendering Intent	Relative colorimetric

(1) Five equally spaced code values for each channel

White Point (CCT)	6603 Kelvin
White Point XYZ (normalized)	94.82 100.00 110.03
DeltaE to D50/ D65	20.32/ 0.81
Assumed Target Whitepoint (2)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	0.33
Brightness (3)	139.50 cd/m ²
Black Point (3)	0.14 cd/m ²
Contrast (x:1)	996:1
Gradation (Average)	2.20

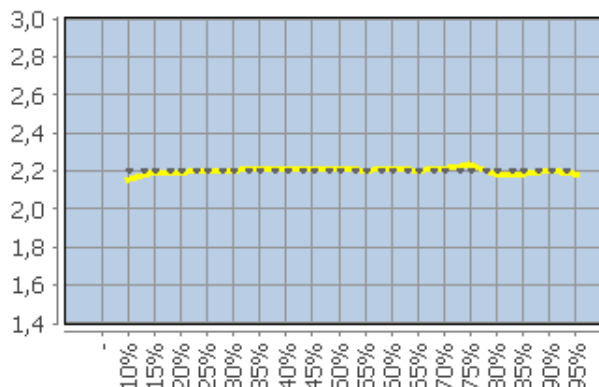
(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7121	0.81	1.06	2.15
	15	6773	0.37	0.40	2.19
	20	6587	0.35	0.36	2.19
	25	6548	0.18	0.18	2.20
	30	6634	0.27	0.28	2.20
	35	6659	0.43	0.47	2.21
	40	6610	0.29	0.31	2.21
	45	6624	0.23	0.25	2.21
	50	6554	0.27	0.37	2.21
	55	6635	0.43	0.43	2.20
	60	6639	0.42	0.44	2.21
	65	6576	0.24	0.25	2.20
	70	6645	0.32	0.33	2.21
	75	6625	0.59	0.66	2.23
	80	6579	0.31	0.35	2.18
	85	6597	0.20	0.23	2.18
	90	6581	0.49	0.49	2.20
	95	6597	0.09	0.10	2.18
	100 (4)	6603	-	-	-
	Average (5)	-	0.32	0.35	2.2
	Maximum (5)	-	0.59	0.66	-
	Range (5)	-	0.88	-	-

(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	0.91	0.00	0.52	1.04
	0 0 63	4.21	0.43	1.23	1.92
	0 0 127	7.70	3.11	1.49	2.63
	0 0 191	9.56	4.06	2.51	3.35
	0 0 255	10.03	4.47	2.48	3.21
	0 63 0	16.93	10.41	0.78	7.36
	0 63 63	11.52	0.04	1.30	5.16
	0 63 127	1.19	3.57	0.39	2.18
	0 63 191	0.85	0.72	0.10	0.38
	0 63 255	0.69	0.21	0.27	0.30
	0 127 0	28.63	17.82	1.45	9.00
	0 127 63	23.78	15.52	1.73	9.05
	0 127 127	19.08	2.00	1.55	6.30
	0 127 191	5.20	10.27	1.17	6.25
	0 127 255	2.23	5.74	1.53	3.11
	0 191 0	36.36	24.93	2.67	10.14
	0 191 63	31.12	26.41	2.42	10.94
	0 191 127	30.41	14.44	2.60	8.97
	0 191 191	24.78	1.17	2.66	6.85
	0 191 255	12.53	13.15	2.46	8.11
	0 255 0	43.74	30.69	4.02	11.00
	0 255 63	36.47	35.28	3.96	12.24
	0 255 127	37.97	25.44	4.07	11.04
	0 255 191	36.05	13.16	3.87	9.10
	0 255 255	30.40	2.06	3.53	7.50
	63 0 0	3.58	0.97	0.58	1.59
	63 0 63	1.84	0.13	0.05	0.64
	63 0 127	5.76	1.21	1.01	1.76
	63 0 191	7.66	2.94	1.80	2.51
	63 0 255	9.54	3.46	2.52	3.09
	63 63 0	2.69	0.56	0.23	1.10
	63 63 63	0.06	0.03	0.04	0.08
	63 63 127	1.00	0.31	0.02	0.39
	63 63 191	0.68	0.18	0.04	0.17
	63 63 255	0.84	0.25	0.15	0.22
	63 127 0	10.21	2.38	0.19	2.44
	63 127 63	6.03	4.33	0.20	2.80
	63 127 127	4.54	0.94	0.32	1.92
	63 127 191	0.91	1.87	0.07	1.17
	63 127 255	0.94	0.07	0.10	0.24
	63 191 0	24.83	15.72	1.55	6.91
	63 191 63	19.13	18.38	1.66	7.93
	63 191 127	19.58	10.15	1.48	6.47
	63 191 191	16.46	1.33	1.68	4.97
	63 191 255	7.80	8.92	1.46	5.57
	63 255 0	35.72	24.53	3.29	9.15
	63 255 63	28.23	29.22	3.15	10.35

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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	30.21	21.27	3.33	9.44
	63 255 191	28.56	11.44	3.39	7.90
	63 255 255	24.81	1.63	2.93	6.42
	127 0 0	1.85	1.06	0.11	0.69
	127 0 63	0.65	0.41	0.06	0.29
	127 0 127	1.77	0.84	0.14	0.61
	127 0 191	4.24	0.60	0.96	1.27
	127 0 255	6.74	1.26	1.54	1.89
	127 63 0	2.76	1.59	0.10	1.12
	127 63 63	0.68	0.22	0.06	0.29
	127 63 127	0.74	0.54	0.11	0.40
	127 63 191	2.26	0.33	1.51	1.60
	127 63 255	1.35	0.52	0.05	0.30
	127 127 0	3.12	0.02	0.72	1.07
	127 127 63	0.69	0.09	0.29	0.39
	127 127 127	0.38	0.15	0.19	0.45
	127 127 191	0.31	0.16	0.14	0.21
	127 127 255	1.39	0.13	0.25	0.41
	127 191 0	6.05	2.85	0.78	1.78
	127 191 63	0.96	0.17	0.57	0.61
	127 191 127	1.28	0.10	0.56	0.68
	127 191 191	0.46	0.27	0.16	0.31
	127 191 255	0.63	0.01	0.23	0.32
	127 255 0	14.52	4.27	0.76	2.59
	127 255 63	8.07	8.80	0.77	3.38
	127 255 127	7.94	6.50	0.76	3.07
	127 255 191	7.58	3.25	0.91	2.49
	127 255 255	6.14	0.02	0.84	1.92
	191 0 0	0.47	0.19	0.10	0.16
	191 0 63	0.14	0.19	0.16	0.19
	191 0 127	0.38	0.86	0.05	0.41
	191 0 191	1.29	0.23	0.13	0.30
	191 0 255	3.92	0.33	0.44	0.77
	191 63 0	1.15	0.37	0.00	0.28
	191 63 63	0.41	0.07	0.09	0.13
	191 63 127	0.37	0.33	0.05	0.20
	191 63 191	0.31	0.18	0.09	0.14
	191 63 255	1.06	0.67	0.30	0.44
	191 127 0	0.31	0.43	0.29	0.36
	191 127 63	0.25	0.07	0.10	0.13
	191 127 127	0.09	0.18	0.04	0.13
	191 127 191	0.09	0.07	0.08	0.09
	191 127 255	1.47	0.70	0.18	0.50
	191 191 0	3.18	0.03	0.58	0.87
	191 191 63	0.45	0.18	0.38	0.41
	191 191 127	1.04	0.38	0.27	0.54
	191 191 191	0.62	0.22	0.23	0.70

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	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	0.67	0.36	0.14	0.38
	191 255 0	6.69	2.35	0.47	1.45
	191 255 63	0.96	0.52	0.41	0.49
	191 255 127	1.65	0.15	0.28	0.47
	191 255 191	0.63	0.06	0.04	0.20
	191 255 255	0.41	0.13	0.01	0.20
	255 0 0	15.35	2.69	7.66	8.10
	255 0 63	15.03	6.76	7.58	8.44
	255 0 127	10.58	11.61	7.43	9.07
	255 0 191	5.03	14.08	7.17	9.16
	255 0 255	3.23	12.47	6.76	8.15
	255 63 0	15.67	0.86	6.55	7.05
	255 63 63	16.00	3.20	6.45	7.20
	255 63 127	12.56	8.87	6.46	7.94
	255 63 191	6.90	13.12	6.20	8.40
	255 63 255	3.69	12.01	6.25	7.76
	255 127 0	11.60	7.49	4.22	5.59
	255 127 63	13.47	5.15	4.04	5.39
	255 127 127	14.02	1.24	3.92	5.30
	255 127 191	9.94	8.73	3.94	6.42
	255 127 255	6.89	9.85	4.00	6.12
	255 191 0	3.76	7.03	1.93	3.55
	255 191 63	4.37	7.02	1.86	3.80
	255 191 127	6.30	5.30	1.84	4.00
	255 191 191	8.04	0.67	1.87	3.82
	255 191 255	5.48	5.65	1.81	4.27
	255 255 0	3.94	0.50	0.64	0.95
	255 255 63	0.83	0.79	0.61	0.71
	255 255 127	2.16	0.59	0.39	0.73
	255 255 191	1.51	0.33	0.17	0.66
	255 255 255 (1)	-	-	-	-
	Average (2)	8.56	4.97	1.61	3.43
	Maximum (2)	43.74	35.28	7.66	12.24

(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	70%