

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	ECI-RGB v2
Display Profile	Considered
Rendering Intent	Relative colorimetric

(1) Five equally spaced code values for each channel

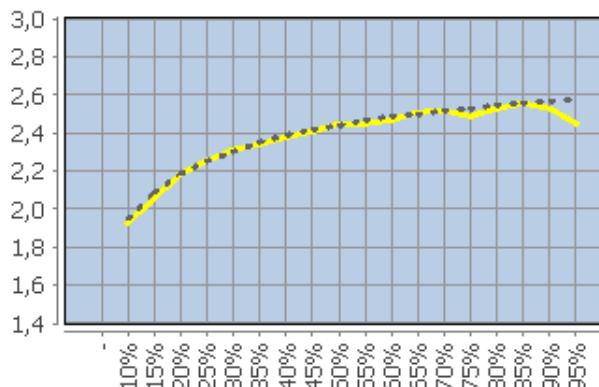
White Point (CCT)	6546 Kelvin
White Point XYZ (normalized)	95.21 100.00 109.85
DeltaE to D50/ D65	20.12/ 0.66
Assumed Target Whitepoint (2)	6500 Kelvin
DeltaE to Assumed Target Whitepoint	0.74
Brightness (3)	139.70 cd/m ²
Black Point (3)	0.14 cd/m ²
Contrast (x:1)	998:1
Gradation (Average)	2.38

(2) Daylight (3) Measured separately

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6557	0.45	0.65	1.93
	15	6345	0.61	0.75	2.06
	20	6382	0.71	0.71	2.18
	25	6659	0.60	0.60	2.25
	30	6534	0.49	0.50	2.31
	35	6583	0.51	0.52	2.34
	40	6578	0.60	0.61	2.38
	45	6495	0.49	0.50	2.41
	50	6497	0.44	0.45	2.45
	55	6590	0.33	0.36	2.45
	60	6592	0.24	0.28	2.47
	65	6532	0.57	0.58	2.51
	70	6553	0.21	0.21	2.52
	75	6496	0.93	1.00	2.49
	80	6507	0.31	0.34	2.53
	85	6493	0.38	0.38	2.56
	90	6519	0.21	0.24	2.53
	95	6501	0.53	0.59	2.45
	100 (4)	6546	-	-	-
	Average (5)	-	0.48	0.51	2.38
	Maximum (5)	-	0.93	1.0	-
	Range (5)	-	1.38	-	-

(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	0.76	0.00	1.10	1.34
	0 0 63	1.69	1.70	0.84	1.52
	0 0 127	3.08	2.43	0.95	1.72
	0 0 191	3.65	3.07	1.93	2.42
	0 0 255	2.62	4.40	1.03	1.93
	0 63 0	17.78	12.31	1.55	8.63
	0 63 63	16.53	1.09	1.69	6.72
	0 63 127	5.72	8.64	1.77	5.85
	0 63 191	3.30	7.04	2.09	4.01
	0 63 255	3.88	6.86	2.22	3.53
	0 127 0	27.89	21.29	1.72	10.69
	0 127 63	27.06	16.58	2.30	10.28
	0 127 127	26.01	2.47	2.14	7.81
	0 127 191	13.14	14.88	2.59	9.17
	0 127 255	6.86	13.67	2.91	6.98
	0 191 0	36.18	30.48	3.57	12.42
	0 191 63	34.54	29.65	3.66	12.83
	0 191 127	37.12	17.85	4.03	10.97
	0 191 191	35.12	1.42	4.19	8.92
	0 191 255	23.44	17.17	4.20	10.59
	0 255 0	45.12	38.87	4.97	13.62
	0 255 63	42.32	40.55	4.93	14.35
	0 255 127	45.63	32.08	4.84	13.29
	0 255 191	47.52	17.62	4.99	11.21
	0 255 255	44.92	3.18	4.72	9.60
	63 0 0	3.49	0.88	0.53	1.47
	63 0 63	1.31	0.21	0.57	0.76
	63 0 127	1.11	0.42	0.21	0.42
	63 0 191	1.34	0.61	0.04	0.37
	63 0 255	1.37	0.10	0.58	0.62
	63 63 0	4.44	0.14	0.04	1.71
	63 63 63	0.43	0.07	0.18	0.47
	63 63 127	1.38	1.01	0.12	0.84
	63 63 191	0.97	0.52	0.06	0.35
	63 63 255	2.29	0.24	0.03	0.42
	63 127 0	8.41	2.39	0.46	2.35
	63 127 63	6.08	3.67	0.17	2.74
	63 127 127	6.80	0.96	0.05	2.63
	63 127 191	4.55	5.28	0.78	3.46
	63 127 255	3.63	5.89	1.14	3.05
	63 191 0	22.95	19.57	2.32	8.53
	63 191 63	21.06	20.35	2.50	9.30
	63 191 127	23.34	13.58	2.89	8.42
	63 191 191	26.81	1.02	3.80	7.75
	63 191 255	16.55	12.35	3.04	7.95
	63 255 0	36.43	32.02	4.21	11.63
	63 255 63	33.55	33.95	4.19	12.41

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	RGB	Delta C	Delta H	Delta L	Delta E94
	63 255 127	36.77	27.28	4.15	11.66
	63 255 191	39.20	15.39	4.33	9.97
	63 255 255	37.70	2.61	4.00	8.45
	127 0 0	3.16	1.67	0.24	1.10
	127 0 63	0.65	0.77	0.08	0.47
	127 0 127	0.51	1.11	0.04	0.59
	127 0 191	0.93	0.24	0.12	0.25
	127 0 255	1.95	0.39	0.11	0.37
	127 63 0	4.16	2.32	0.01	1.59
	127 63 63	0.21	0.24	0.12	0.20
	127 63 127	0.66	0.61	0.25	0.50
	127 63 191	1.15	0.34	0.17	0.37
	127 63 255	2.37	0.38	0.25	0.52
	127 127 0	5.32	0.11	0.54	1.51
	127 127 63	0.35	0.31	0.27	0.36
	127 127 127	0.51	0.15	0.08	0.54
	127 127 191	1.04	0.59	0.14	0.56
	127 127 255	2.34	0.72	0.15	0.66
	127 191 0	4.49	2.75	0.12	1.47
	127 191 63	0.05	0.12	0.01	0.06
	127 191 127	0.17	0.03	0.04	0.07
	127 191 191	0.17	0.78	0.03	0.50
	127 191 255	0.84	1.79	0.12	1.05
	127 255 0	16.14	11.91	1.89	5.02
	127 255 63	12.22	15.08	1.88	5.94
	127 255 127	14.44	12.58	1.85	5.82
	127 255 191	16.64	7.77	2.06	5.30
	127 255 255	17.99	1.19	1.89	4.69
	191 0 0	4.41	2.53	0.06	1.21
	191 0 63	0.41	1.26	0.14	0.57
	191 0 127	0.30	0.65	0.13	0.34
	191 0 191	0.57	0.04	0.01	0.12
	191 0 255	1.60	1.07	0.06	0.50
	191 63 0	4.06	2.98	0.02	1.38
	191 63 63	0.58	0.08	0.01	0.13
	191 63 127	0.33	0.25	0.24	0.28
	191 63 191	0.82	0.66	0.21	0.42
	191 63 255	1.86	0.81	0.11	0.49
	191 127 0	5.47	2.41	0.15	1.55
	191 127 63	0.30	0.44	0.10	0.26
	191 127 127	0.34	0.15	0.12	0.19
	191 127 191	0.80	0.00	0.04	0.27
	191 127 255	2.17	0.50	0.25	0.61
	191 191 0	5.40	0.68	0.13	1.17
	191 191 63	0.60	0.54	0.21	0.37
	191 191 127	0.04	0.40	0.26	0.36
	191 191 191	0.88	0.05	0.39	0.97

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	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	2.22	0.54	0.57	1.07
	191 255 0	6.02	2.76	0.23	1.47
	191 255 63	0.18	0.28	0.10	0.16
	191 255 127	0.61	0.08	0.05	0.15
	191 255 191	0.54	0.13	0.13	0.22
	191 255 255	0.61	0.13	0.19	0.30
	255 0 0	26.16	6.14	9.71	10.48
	255 0 63	19.08	4.87	9.72	10.32
	255 0 127	15.29	12.65	9.50	11.09
	255 0 191	7.79	16.79	8.93	11.31
	255 0 255	2.63	15.39	8.03	9.92
	255 63 0	25.93	4.41	9.06	9.84
	255 63 63	19.59	3.36	8.97	9.60
	255 63 127	17.04	10.75	8.43	10.05
	255 63 191	10.13	15.42	7.81	10.36
	255 63 255	4.75	14.73	6.93	9.07
	255 127 0	23.15	3.67	6.39	7.43
	255 127 63	18.14	5.36	6.20	7.32
	255 127 127	18.62	1.95	5.83	7.16
	255 127 191	13.49	10.28	5.52	8.08
	255 127 255	7.71	12.43	4.67	7.44
	255 191 0	14.60	9.17	3.09	5.32
	255 191 63	8.67	10.84	2.94	5.72
	255 191 127	10.90	7.94	2.83	5.72
	255 191 191	12.26	0.54	2.52	5.01
	255 191 255	7.41	7.55	1.94	5.39
	255 255 0	7.39	2.64	0.40	1.66
	255 255 63	0.35	2.13	0.43	0.97
	255 255 127	1.98	1.80	0.41	1.08
	255 255 191	0.97	1.33	0.19	0.95
	255 255 255 (1)	-	-	-	-
	Average (2)	10.79	0.00	2.08	4.41
	Maximum (2)	47.52	40.55	9.72	14.35

(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
ECI-RGB v2	64%