Colorimetric Report
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Date	Sunday, September 16, 2018
Tester	Manuel Findeis
Display	AOC I1601FWUX
Sensor	X-Rite i1 Display Pro (Corr.: WLED, XR)
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

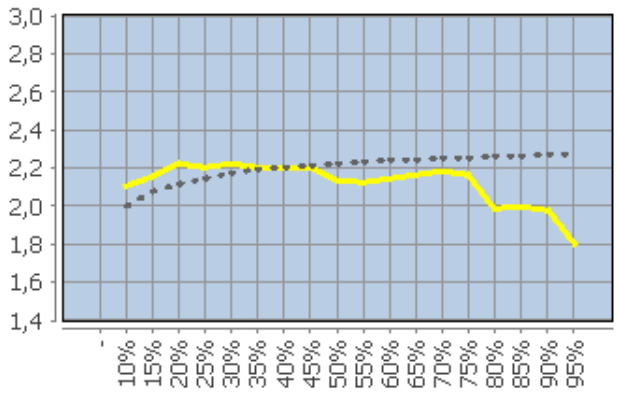
White Point (CCT)	7259 Kelvin
White Point XYZ (normalized)	94.76 100.00 119.18
DeltaE to D50/ D65	26.23/ 6.14
Assumed Target Whitepoint (2)	7300 Kelvin
DeltaE to Assumed Target Whitepoint	0.53
Brightness	154.87 cd/m²
Black Point	0.16 cd/m²
Contrast (x:1)	968:1
Gradation (Average)	2.12

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7555	0.57	1.93	2.10
	15	7237	0.07	1.47	2.15
	20	7043	0.57	2.10	2.22
	25	6977	1.02	1.44	2.20
	30	7003	1.00	1.38	2.22
	35	6975	1.33	1.34	2.20
	40	6954	1.40	1.41	2.20
	45	6906	1.69	1.70	2.20
	50	6909	2.21	2.72	2.13
	55	6899	2.26	2.78	2.12
	60	6918	2.38	2.72	2.14
	65	6929	2.28	2.49	2.16
	70	6939	2.39	2.52	2.18
	75	6955	2.34	2.49	2.16
	80	6967	2.40	3.10	1.99
	85	6995	2.29	2.74	2.00
	90	7055	1.78	2.08	1.98
	95	7092	1.54	1.79	1.80
	100 (3)	7260	-	-	-
	Average (4)	-	1.7	2.13	2.12
	Maximum (4)	-	2.4	3.1	-
	Range (4)	-	2.4	-	-

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

Corresponding Gamma



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Testchart	In accordance with ISO 12646:2007 (1)
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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	1.16	0.00	0.94	1.49
	0 0 63	16.29	7.13	3.86	7.99
	0 0 127	30.89	17.53	9.87	14.36
	0 0 191	40.21	23.41	13.57	17.66
	0 0 255	46.34	27.07	16.67	20.06
	0 63 0	13.03	6.48	4.25	7.27
	0 63 63	7.26	0.82	2.34	4.65
	0 63 127	7.36	3.93	3.05	4.64
	0 63 191	20.99	13.47	8.38	11.36
	0 63 255	32.21	20.13	12.83	15.77
	0 127 0	10.19	15.75	3.60	8.75
	0 127 63	10.97	11.86	2.76	7.90
	0 127 127	10.14	0.86	0.13	4.37
	0 127 191	7.07	1.28	3.68	4.49
	0 127 255	14.26	8.44	7.85	9.41
	0 191 0	11.35	21.86	4.13	10.07
	0 191 63	13.11	19.20	3.65	9.67
	0 191 127	16.98	9.44	2.08	7.11
	0 191 191	13.41	1.22	0.46	4.85
	0 191 255	7.41	3.13	3.65	4.75
	0 255 0	13.82	26.98	5.34	11.24
	0 255 63	15.67	24.53	5.08	10.85
	0 255 127	21.14	16.28	4.05	9.04
	0 255 191	21.83	6.89	2.29	6.84
	0 255 255	17.05	4.79	0.08	5.91
	63 0 0	11.88	0.37	1.22	4.94
	63 0 63	17.88	4.68	1.40	6.92
	63 0 127	27.42	15.31	7.25	12.04
	63 0 191	37.65	21.70	11.86	16.02
	63 0 255	44.76	26.31	15.49	18.98
	63 63 0	5.96	2.60	4.00	4.92
	63 63 63	0.86	0.09	2.29	2.45
	63 63 127	8.39	6.66	2.58	5.69
	63 63 191	21.44	14.35	7.75	11.23
	63 63 255	32.02	20.24	12.19	15.31
	63 127 0	5.53	11.95	3.40	7.09
	63 127 63	5.72	9.45	2.55	6.48
	63 127 127	6.30	0.07	0.04	3.21
	63 127 191	6.68	3.54	3.68	4.93
	63 127 255	14.81	9.82	7.76	9.69
	63 191 0	8.56	19.74	4.01	9.35
	63 191 63	9.90	17.30	3.45	8.90
	63 191 127	14.03	8.71	1.92	6.57
	63 191 191	11.08	0.56	0.61	4.33
	63 191 255	6.68	1.70	3.67	4.42
	63 255 0	11.97	25.52	5.33	10.86
	63 255 63	14.01	23.30	5.06	10.52

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Target	sRGB
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	19.42	15.38	3.97	8.71
	63 255 191	20.10	6.65	2.26	6.63
	63 255 255	15.81	4.47	0.05	5.72
	127 0 0	14.84	4.09	0.42	4.53
	127 0 63	16.67	5.40	0.83	5.99
	127 0 127	25.63	7.73	4.78	8.74
	127 0 191	34.70	16.20	9.29	13.10
	127 0 255	41.95	22.37	13.34	16.69
	127 63 0	6.94	1.31	2.45	3.32
	127 63 63	5.63	4.47	1.29	4.10
	127 63 127	13.77	5.13	2.25	5.96
	127 63 191	23.24	12.34	6.68	10.24
	127 63 255	32.05	18.26	10.94	14.06
	127 127 0	0.59	5.15	2.75	3.90
	127 127 63	1.48	4.04	1.91	3.30
	127 127 127	2.06	0.18	0.37	2.10
	127 127 191	8.76	5.38	3.64	6.02
	127 127 255	16.67	10.52	7.46	9.83
	127 191 0	3.21	15.23	3.59	7.70
	127 191 63	4.01	14.08	3.08	7.62
	127 191 127	7.66	8.41	1.58	6.00
	127 191 191	6.88	0.74	0.78	3.64
	127 191 255	5.74	0.37	3.73	4.30
	127 255 0	7.92	22.77	5.07	10.09
	127 255 63	9.65	21.21	4.77	9.89
	127 255 127	15.14	14.99	3.73	8.52
	127 255 191	16.05	7.50	2.05	6.60
	127 255 255	12.85	3.44	0.23	5.31
	191 0 0	19.43	5.22	0.20	4.67
	191 0 63	17.79	9.00	0.48	6.17
	191 0 127	25.62	0.86	3.14	6.79
	191 0 191	33.27	10.38	6.78	10.30
	191 0 255	39.48	18.01	10.72	13.98
	191 63 0	12.84	4.65	1.52	3.97
	191 63 63	11.35	7.51	0.77	5.13
	191 63 127	18.68	0.33	1.74	5.51
	191 63 191	25.86	8.75	5.27	8.77
	191 63 255	32.57	15.74	9.10	12.33
	191 127 0	2.45	2.86	2.10	2.61
	191 127 63	0.43	4.79	1.43	3.14
	191 127 127	6.60	4.83	0.45	4.58
	191 127 191	14.50	4.34	3.28	6.54
	191 127 255	20.16	10.89	6.70	9.69
	191 191 0	0.96	7.14	3.12	4.54
	191 191 63	1.48	6.42	2.63	4.23
	191 191 127	0.60	3.73	1.31	2.81
	191 191 191	2.30	0.21	0.83	2.46

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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

	RGB	Delta C	Delta H	Delta L	Delta E94
	191 191 255	6.92	3.87	3.57	5.17
	191 255 0	2.55	17.21	4.70	8.32
	191 255 63	3.64	16.32	4.43	8.23
	191 255 127	8.30	12.30	3.47	7.31
	191 255 191	9.00	7.63	1.84	6.03
	191 255 255	7.62	1.86	0.27	4.20
	255 0 0	24.23	6.44	0.73	4.99
	255 0 63	21.58	9.58	0.31	5.87
	255 0 127	27.35	2.84	1.63	6.05
	255 0 191	33.74	6.12	4.48	8.21
	255 0 255	38.69	14.79	7.82	11.37
	255 63 0	19.68	6.52	1.59	4.77
	255 63 63	17.77	8.93	1.05	5.52
	255 63 127	23.14	2.85	0.75	5.50
	255 63 191	28.96	5.52	3.59	7.44
	255 63 255	33.92	13.69	6.87	10.50
	255 127 0	9.84	8.50	1.90	4.64
	255 127 63	8.63	10.07	1.44	5.47
	255 127 127	14.40	7.18	0.11	5.79
	255 127 191	21.04	1.39	2.44	6.45
	255 127 255	25.14	10.35	5.36	9.09
	255 191 0	0.78	2.44	2.91	3.11
	255 191 63	0.01	3.28	2.52	2.99
	255 191 127	2.71	4.65	1.35	3.24
	255 191 191	7.56	5.09	0.55	5.19
	255 191 255	12.77	5.41	3.00	6.41
	255 255 0	0.48	8.43	4.61	5.75
	255 255 63	0.04	7.74	4.36	5.51
	255 255 127	3.17	5.65	3.45	4.59
	255 255 191	2.41	3.04	2.00	3.03
	255 255 255 (1)	-	-	-	-
	Average (2)	14.80	0.00	3.87	7.36
	Maximum (2)	46.34	27.07	16.67	20.06

(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	57%

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Target	sRGB
Display Profile	Not considered
Rendering Intent	-

(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	
Brightness	75
Contrast	50
RGB Gain	
Gradation	
Other	