Colorimetric Report
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Date	Monday, April 27, 2020
Tester	Manuel Findeis
Display	Asus MB16ACE
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

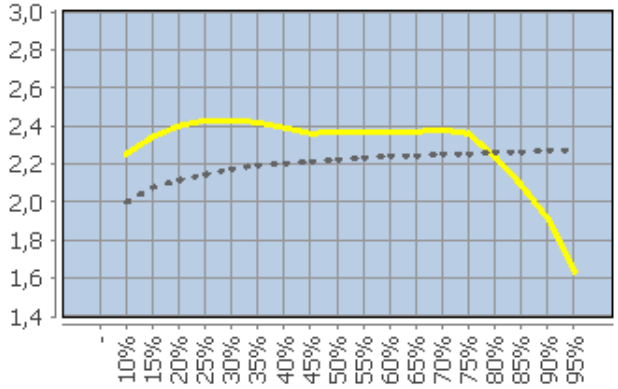
White Point (CCT)	6880 Kelvin
White Point XYZ (normalized)	97.42 100.00 118.58
DeltaE to D50/ D65	25.75/ 7.09
Assumed Target Whitepoint (2)	6900 Kelvin
DeltaE to Assumed Target Whitepoint	4.88
Brightness	116.45 cd/m²
Black Point	0.09 cd/m²
Contrast (x:1)	1294:1
Gradation (Average)	2.28

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6991	0.35	3.98	2.25
	15	6765	0.18	4.93	2.34
	20	6667	0.54	5.22	2.40
	25	6626	0.86	5.22	2.43
	30	6599	1.10	4.96	2.43
	35	6592	1.31	4.36	2.42
	40	6625	1.52	3.57	2.39
	45	6595	1.51	2.93	2.36
	50	6579	1.59	2.73	2.37
	55	6598	1.82	2.67	2.37
	60	6585	2.10	2.72	2.37
	65	6597	2.19	2.64	2.37
	70	6598	2.20	2.59	2.38
	75	6619	2.19	2.38	2.36
	80	6633	2.21	2.21	2.24
	85	6660	2.07	2.29	2.09
	90	6706	1.80	2.24	1.91
	95	6763	1.19	1.74	1.63
	100 (3)	6881	-	-	-
	Average (4)	-	1.55	3.26	2.28
	Maximum (4)	-	2.21	5.22	-
	Range (4)	-	2.21	-	-

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

Corresponding Gamma



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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	0.79	0.00	0.71	1.06
	0 0 63	19.13	8.03	1.84	8.29
	0 0 127	32.15	16.97	6.86	12.48
	0 0 191	40.52	23.17	10.55	15.42
	0 0 255	44.93	27.23	14.64	18.37
	0 63 0	16.26	4.02	7.02	9.24
	0 63 63	7.17	0.06	5.18	6.50
	0 63 127	7.78	3.66	0.23	3.51
	0 63 191	20.76	13.44	5.21	9.24
	0 63 255	30.24	19.99	10.59	13.86
	0 127 0	13.86	12.45	6.52	9.46
	0 127 63	10.25	10.98	5.33	8.69
	0 127 127	9.50	0.13	3.00	5.04
	0 127 191	6.76	2.14	0.72	2.78
	0 127 255	12.54	8.81	5.69	7.63
	0 191 0	14.85	17.69	6.13	9.88
	0 191 63	12.41	16.94	5.40	9.61
	0 191 127	14.82	9.26	4.10	7.55
	0 191 191	11.49	0.32	1.74	4.44
	0 191 255	5.81	2.19	1.88	2.96
	0 255 0	15.31	21.85	4.81	9.48
	0 255 63	14.25	21.62	4.64	9.66
	0 255 127	17.01	15.74	3.86	8.43
	0 255 191	16.94	8.21	2.44	6.38
	0 255 255	13.96	2.56	0.20	4.54
	63 0 0	13.54	1.95	2.82	6.27
	63 0 63	18.75	3.72	0.98	6.90
	63 0 127	28.16	14.94	4.30	10.51
	63 0 191	37.77	22.05	8.91	14.07
	63 0 255	43.15	26.80	13.38	17.31
	63 63 0	10.20	2.61	6.82	8.06
	63 63 63	0.81	0.09	5.14	5.20
	63 63 127	8.32	6.66	0.59	5.10
	63 63 191	20.77	14.43	4.60	9.29
	63 63 255	30.09	20.77	9.89	13.54
	63 127 0	9.42	8.34	6.23	7.90
	63 127 63	5.16	7.82	5.02	7.07
	63 127 127	4.92	0.81	2.66	3.71
	63 127 191	6.24	4.39	0.90	3.67
	63 127 255	13.27	10.82	5.70	8.28
	63 191 0	11.82	14.95	5.87	8.89
	63 191 63	9.59	14.59	5.14	8.68
	63 191 127	11.86	8.06	3.77	6.76
	63 191 191	8.92	0.65	1.48	3.77
	63 191 255	5.09	0.48	2.04	2.68
	63 255 0	13.66	20.19	4.87	9.07
	63 255 63	12.68	19.73	4.68	9.13

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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	15.63	14.12	3.88	7.91
	63 255 191	15.39	7.43	2.45	6.04
	63 255 255	12.62	2.47	0.24	4.32
	127 0 0	17.90	0.88	1.97	5.20
	127 0 63	15.97	5.67	0.97	5.92
	127 0 127	25.50	6.29	2.32	7.32
	127 0 191	34.38	15.90	6.54	11.22
	127 0 255	40.10	22.83	11.28	15.06
	127 63 0	11.17	4.03	4.80	6.31
	127 63 63	4.49	2.73	3.60	4.48
	127 63 127	12.54	4.09	0.45	4.86
	127 63 191	21.77	11.24	3.75	8.08
	127 63 255	29.66	18.06	8.75	12.22
	127 127 0	7.01	4.80	5.41	6.30
	127 127 63	0.42	4.29	4.29	5.12
	127 127 127	1.66	0.16	2.19	2.75
	127 127 191	8.11	5.28	0.98	4.68
	127 127 255	15.10	11.10	5.46	8.41
	127 191 0	8.37	11.50	5.47	7.70
	127 191 63	5.21	11.46	4.72	7.45
	127 191 127	6.67	7.20	3.41	6.03
	127 191 191	5.17	1.40	1.25	3.11
	127 191 255	4.35	1.67	2.16	2.89
	127 255 0	10.65	17.21	4.72	8.24
	127 255 63	9.46	17.24	4.47	8.40
	127 255 127	12.09	12.94	3.66	7.47
	127 255 191	12.16	7.37	2.27	5.87
	127 255 255	10.15	1.91	0.11	4.00
	191 0 0	23.30	2.27	1.12	5.09
	191 0 63	16.78	6.90	0.52	5.30
	191 0 127	24.20	0.69	1.53	5.88
	191 0 191	31.90	8.63	4.72	8.55
	191 0 255	37.37	17.59	8.99	12.47
	191 63 0	17.03	3.51	3.04	5.21
	191 63 63	10.21	3.79	2.23	4.11
	191 63 127	15.98	0.16	0.13	4.47
	191 63 191	23.78	7.25	3.03	6.94
	191 63 255	30.13	15.33	7.29	10.76
	191 127 0	9.47	2.46	4.20	4.98
	191 127 63	2.63	1.18	3.30	3.47
	191 127 127	5.33	3.19	1.58	3.67
	191 127 191	12.70	3.56	1.05	5.00
	191 127 255	18.13	10.73	4.98	8.30
	191 191 0	6.51	6.74	4.74	5.85
	191 191 63	2.05	6.39	4.04	5.23
	191 191 127	1.31	3.63	2.88	3.79
	191 191 191	2.17	0.22	0.93	2.37

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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
	191 191 255	5.56	4.21	2.16	4.15
	191 255 0	7.56	12.74	4.42	6.86
	191 255 63	5.72	13.03	4.18	7.00
	191 255 127	7.22	10.32	3.38	6.39
	191 255 191	6.48	6.73	2.08	5.23
	191 255 255	5.68	1.06	0.04	3.04
	255 0 0	27.27	3.45	0.12	4.97
	255 0 63	20.22	4.97	0.37	4.50
	255 0 127	23.44	3.60	1.71	5.41
	255 0 191	30.79	2.91	4.00	7.18
	255 0 255	35.73	12.55	7.23	10.33
	255 63 0	22.83	4.15	1.27	4.72
	255 63 63	16.23	2.74	0.91	3.72
	255 63 127	18.91	2.06	0.53	4.46
	255 63 191	25.39	3.16	2.84	6.17
	255 63 255	30.65	11.63	6.09	9.26
	255 127 0	15.59	1.54	2.46	4.10
	255 127 63	9.82	3.10	1.83	3.32
	255 127 127	11.14	3.82	0.54	3.92
	255 127 191	17.28	0.31	1.54	5.11
	255 127 255	22.35	8.86	4.63	7.92
	255 191 0	8.98	2.66	3.43	4.09
	255 191 63	4.34	0.83	2.92	3.13
	255 191 127	3.21	1.26	1.90	2.32
	255 191 191	5.51	3.61	0.23	3.72
	255 191 255	10.98	4.84	2.33	5.47
	255 255 0	6.90	7.54	3.83	5.07
	255 255 63	4.48	7.41	3.66	4.96
	255 255 127	4.58	5.84	2.95	4.39
	255 255 191	2.01	3.17	1.76	2.89
	255 255 255 (1)	-	-	-	-
	Average (2)	14.64	7.92	3.73	6.76
	Maximum (2)	44.93	27.23	14.64	18.37

(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
sRGB	59%

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Rendering Intent	-

(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	
Brightness	
Contrast	
RGB Gain	
Gradation	
Other	sRGB-Modus