Colorimetric Report
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Date	Wednesday, September 27, 2017
Tester	Manuel Findeis
Display	ASUS MB16AC
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

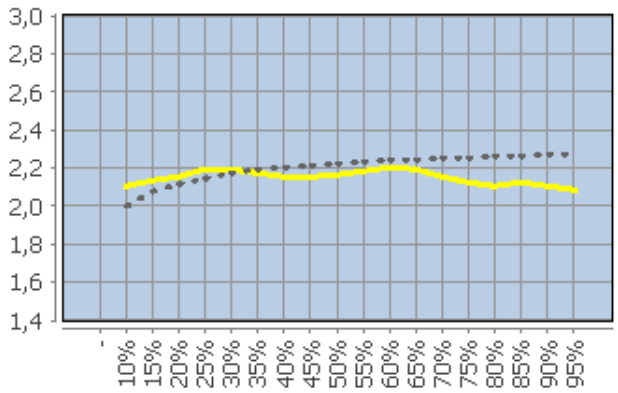
White Point (CCT)	6562 Kelvin
White Point XYZ (normalized)	94.71 100.00 109.21
DeltaE to D50/ D65	19.81/ 0.62
Assumed Target Whitepoint (2)	6600 Kelvin
DeltaE to Assumed Target Whitepoint	0.81
Brightness	141.10 cd/m²
Black Point	0.12 cd/m²
Contrast (x:1)	1176:1
Gradation (Average)	2.15

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	6966	1.00	2.10	2.10
	15	6635	0.44	1.28	2.13
	20	6578	0.21	0.68	2.15
	25	6523	0.23	0.81	2.19
	30	6473	0.36	0.56	2.19
	35	6513	0.19	0.38	2.17
	40	6460	0.43	0.97	2.15
	45	6454	0.50	1.19	2.15
	50	6461	0.51	1.09	2.16
	55	6428	0.83	1.12	2.18
	60	6416	0.85	1.04	2.20
	65	6357	1.23	1.38	2.19
	70	6384	1.13	1.55	2.15
	75	6411	1.01	1.60	2.12
	80	6429	1.00	1.52	2.10
	85	6419	1.04	1.33	2.12
	90	6430	1.01	1.18	2.10
	95	6436	0.99	1.06	2.08
	100 (3)	6562	-	-	-
	Average (4)	-	0.7	1.1	2.15
	Maximum (4)	-	1.23	1.6	-
	Range (4)	-	1.4	-	-

(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	0.99	0.00	0.77	1.26
	0 0 63	14.08	9.05	3.66	8.13
	0 0 127	29.00	20.88	8.57	14.27
	0 0 191	38.65	28.23	11.46	17.08
	0 0 255	47.35	33.97	13.61	18.93
	0 63 0	12.08	2.02	3.06	5.25
	0 63 63	3.25	1.35	1.43	2.51
	0 63 127	6.48	8.87	2.75	6.49
	0 63 191	20.49	19.20	6.97	12.06
	0 63 255	33.88	27.80	10.30	15.62
	0 127 0	14.88	4.33	3.17	5.19
	0 127 63	10.93	3.05	2.40	4.39
	0 127 127	4.12	1.82	0.33	2.19
	0 127 191	3.68	7.55	2.67	5.50
	0 127 255	14.67	17.89	5.87	10.86
	0 191 0	19.23	6.37	4.15	6.08
	0 191 63	16.62	5.43	3.70	5.63
	0 191 127	13.34	0.22	2.43	4.37
	0 191 191	5.20	2.25	0.44	2.36
	0 191 255	2.78	6.03	2.00	4.19
	0 255 0	24.40	7.89	5.79	7.49
	0 255 63	22.81	7.13	5.52	7.22
	0 255 127	20.96	2.92	4.65	6.36
	0 255 191	15.38	2.08	3.22	5.12
	0 255 255	6.94	3.21	1.40	3.14
	63 0 0	7.02	1.87	0.93	3.22
	63 0 63	15.81	2.41	2.82	6.29
	63 0 127	26.29	15.19	6.93	11.68
	63 0 191	36.81	24.50	10.40	15.55
	63 0 255	46.25	31.47	12.93	18.01
	63 63 0	7.48	3.57	2.17	4.31
	63 63 63	0.16	0.00	0.78	0.80
	63 63 127	8.49	8.33	2.83	6.60
	63 63 191	21.36	17.80	6.75	11.62
	63 63 255	34.14	26.37	10.02	15.16
	63 127 0	12.70	4.81	2.73	4.89
	63 127 63	8.46	3.25	1.97	3.94
	63 127 127	2.27	1.22	0.03	1.48
	63 127 191	4.43	8.39	2.94	6.24
	63 127 255	15.83	17.71	5.98	10.98
	63 191 0	17.87	6.60	3.86	5.89
	63 191 63	15.55	5.81	3.40	5.50
	63 191 127	12.29	0.60	2.15	4.17
	63 191 191	4.26	1.80	0.18	2.03
	63 191 255	3.05	6.54	2.18	4.63
	63 255 0	23.53	7.99	5.66	7.39
	63 255 63	22.16	7.33	5.38	7.15

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Display Profile	Not considered
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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	20.31	3.05	4.51	6.26
	63 255 191	14.98	1.96	3.08	5.06
	63 255 255	6.45	3.09	1.29	3.04
	127 0 0	9.59	2.73	2.31	3.73
	127 0 63	11.98	6.66	3.21	6.16
	127 0 127	23.62	3.76	5.86	8.42
	127 0 191	34.06	14.30	9.00	12.46
	127 0 255	43.81	23.22	11.74	15.70
	127 63 0	5.75	2.82	0.09	2.38
	127 63 63	2.30	2.86	1.00	2.41
	127 63 127	12.75	2.42	3.45	5.66
	127 63 191	23.33	11.29	6.63	9.95
	127 63 255	34.58	20.02	9.61	13.60
	127 127 0	8.41	6.22	1.44	4.32
	127 127 63	3.52	5.01	0.76	3.61
	127 127 127	0.48	0.05	0.97	1.08
	127 127 191	8.35	6.79	3.47	6.41
	127 127 255	18.85	14.64	6.21	10.38
	127 191 0	14.90	8.39	3.04	5.75
	127 191 63	12.22	7.68	2.58	5.44
	127 191 127	9.98	3.17	1.42	4.20
	127 191 191	3.06	0.88	0.40	1.75
	127 191 255	4.72	6.55	2.61	5.22
	127 255 0	21.59	9.69	5.06	7.23
	127 255 63	20.24	9.20	4.78	7.07
	127 255 127	18.84	5.28	3.95	6.23
	127 255 191	14.04	0.05	2.59	4.86
	127 255 255	5.96	2.46	0.87	2.87
	191 0 0	13.25	2.68	3.37	4.52
	191 0 63	11.08	8.89	3.90	6.42
	191 0 127	20.87	4.44	5.60	7.73
	191 0 191	31.50	4.45	8.02	10.24
	191 0 255	41.42	13.82	10.50	13.32
	191 63 0	8.89	0.07	1.90	2.78
	191 63 63	5.88	5.34	2.47	4.09
	191 63 127	13.66	3.74	4.10	5.96
	191 63 191	24.63	3.71	6.53	8.68
	191 63 255	34.84	12.12	9.03	11.84
	191 127 0	6.21	4.35	0.19	2.68
	191 127 63	1.51	1.57	0.71	1.25
	191 127 127	2.77	2.66	2.07	3.07
	191 127 191	12.72	1.42	4.11	6.08
	191 127 255	22.44	9.19	6.45	9.39
	191 191 0	10.53	8.94	1.81	5.07
	191 191 63	7.35	8.25	1.40	4.84
	191 191 127	4.59	5.47	0.39	4.08
	191 191 191	0.98	0.07	1.21	1.56

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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	8.35	5.05	3.19	5.67
	191 255 0	18.03	11.70	4.14	7.03
	191 255 63	16.40	11.30	3.85	6.93
	191 255 127	15.06	8.35	3.09	6.36
	191 255 191	11.34	3.32	1.85	4.90
	191 255 255	4.45	1.38	0.24	2.54
	255 0 0	17.54	3.11	2.93	4.42
	255 0 63	14.60	8.12	3.26	5.53
	255 0 127	20.32	6.43	4.52	6.80
	255 0 191	29.57	0.53	6.47	8.56
	255 0 255	38.93	7.39	8.63	11.01
	255 63 0	14.49	1.86	2.04	3.45
	255 63 63	11.59	6.06	2.40	4.34
	255 63 127	16.38	5.42	3.63	5.80
	255 63 191	25.10	0.67	5.54	7.63
	255 63 255	34.53	6.69	7.68	10.09
	255 127 0	10.24	0.03	0.78	2.25
	255 127 63	6.92	2.65	1.14	2.38
	255 127 127	8.87	4.66	2.23	4.29
	255 127 191	16.34	1.98	3.91	6.13
	255 127 255	25.53	5.06	5.91	8.51
	255 191 0	9.29	4.83	1.11	3.10
	255 191 63	6.22	3.65	0.80	2.45
	255 191 127	3.90	1.09	0.08	1.47
	255 191 191	4.69	2.36	1.48	3.17
	255 191 255	13.01	2.55	3.20	5.85
	255 255 0	14.16	9.89	3.51	5.96
	255 255 63	12.28	9.23	3.29	5.76
	255 255 127	10.30	7.45	2.59	5.36
	255 255 191	6.14	4.28	1.45	4.09
	255 255 255 (1)	-	-	-	-
	Average (2)	15.13	6.98	3.82	6.38
	Maximum (2)	47.35	33.97	13.61	18.93

(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	63%

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(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	
Brightness	95
Contrast	80
RGB Gain	100 92 94
Gradation	k.A.
Other	Modus Standard mit den beschriebenen Anpassungen (Kalibrierung) ohne Erstellung eines Profils.