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

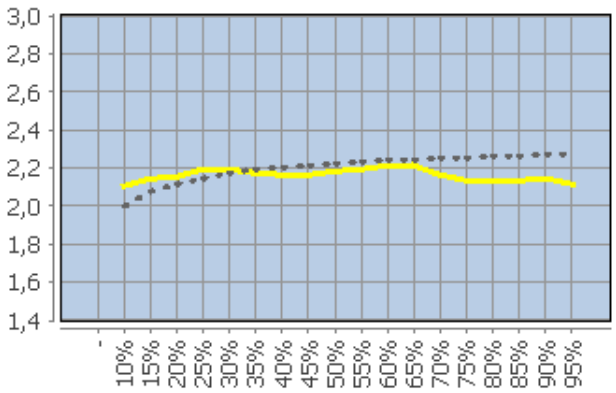
White Point (CCT)	6832 Kelvin
White Point XYZ (normalized)	94.19 100.00 112.34
DeltaE to D50/ D65	22.01/ 2.58
Assumed Target Whitepoint (2)	6800 Kelvin
DeltaE to Assumed Target Whitepoint	1.43
Brightness	83.77 cd/m²
Black Point	0.07 cd/m²
Contrast (x:1)	1197:1
Gradation (Average)	2.16

(2) Daylight

	Percent	Kelvin	Delta C	Delta E	Gamma
	5	-	-	-	-
	10	7277	0.91	2.05	2.10
	15	7119	0.75	1.45	2.14
	20	6978	0.37	0.78	2.15
	25	6937	0.32	0.83	2.19
	30	6935	0.35	0.54	2.19
	35	6909	0.33	0.55	2.17
	40	6900	0.26	0.89	2.16
	45	6862	0.21	1.04	2.16
	50	6813	0.19	0.79	2.18
	55	6828	0.02	0.59	2.19
	60	6830	0.19	0.50	2.21
	65	6874	0.45	0.67	2.21
	70	6833	0.01	0.99	2.16
	75	6786	0.28	1.19	2.13
	80	6812	0.16	0.95	2.13
	85	6826	0.24	0.78	2.13
	90	6847	0.13	0.50	2.14
	95	6873	0.55	0.63	2.11
	100 (3)	6832	-	-	-
	Average (4)	-	0.28	0.8	2.16
	Maximum (4)	-	0.75	1.45	-
	Range (4)	-	0.99	-	-

(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	0.85	0.00	0.74	1.12
	0 0 63	14.30	9.50	4.05	8.53
	0 0 127	29.85	21.96	9.20	15.06
	0 0 191	39.75	29.83	12.45	18.21
	0 0 255	48.70	35.41	14.44	19.88
	0 63 0	12.07	2.69	3.09	5.38
	0 63 63	3.62	1.75	1.29	2.73
	0 63 127	6.66	9.21	3.17	6.87
	0 63 191	21.04	20.49	7.82	13.03
	0 63 255	34.84	28.75	11.03	16.39
	0 127 0	15.16	5.68	3.23	5.56
	0 127 63	11.73	3.46	2.41	4.66
	0 127 127	4.49	2.00	0.15	2.37
	0 127 191	3.55	7.61	3.16	5.78
	0 127 255	15.09	18.26	6.37	11.30
	0 191 0	19.64	8.04	4.19	6.47
	0 191 63	17.75	6.86	3.67	6.05
	0 191 127	14.78	0.87	2.30	4.66
	0 191 191	6.14	2.81	0.05	2.80
	0 191 255	3.38	5.43	2.42	4.17
	0 255 0	24.83	9.92	5.72	7.77
	0 255 63	23.63	8.76	5.44	7.49
	0 255 127	22.25	3.98	4.51	6.53
	0 255 191	16.94	2.02	2.91	5.23
	0 255 255	7.97	3.27	1.07	3.26
	63 0 0	7.22	1.79	0.55	3.19
	63 0 63	16.03	3.40	2.80	6.52
	63 0 127	26.99	16.40	7.32	12.35
	63 0 191	37.74	26.17	11.24	16.58
	63 0 255	47.26	32.75	13.63	18.83
	63 63 0	7.07	3.66	2.36	4.34
	63 63 63	0.35	0.08	0.83	0.90
	63 63 127	8.65	9.10	3.09	7.12
	63 63 191	21.80	19.26	7.48	12.56
	63 63 255	35.10	27.46	10.69	15.93
	63 127 0	12.30	5.37	2.84	5.04
	63 127 63	8.91	3.64	2.01	4.19
	63 127 127	2.42	1.36	0.16	1.61
	63 127 191	4.29	8.28	3.33	6.37
	63 127 255	16.07	17.97	6.44	11.35
	63 191 0	17.79	7.79	3.92	6.16
	63 191 63	15.97	6.68	3.41	5.76
	63 191 127	13.33	1.00	2.08	4.42
	63 191 191	4.86	2.46	0.11	2.47
	63 191 255	3.46	6.11	2.55	4.64
	63 255 0	23.78	9.86	5.63	7.67
	63 255 63	22.60	8.69	5.31	7.36

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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	21.39	4.01	4.39	6.42
	63 255 191	16.17	1.93	2.81	5.15
	63 255 255	7.41	3.17	0.97	3.18
	127 0 0	9.57	3.30	1.62	3.48
	127 0 63	12.71	5.66	2.70	5.72
	127 0 127	24.30	5.11	5.73	8.61
	127 0 191	34.87	16.48	9.40	13.25
	127 0 255	44.95	25.03	12.14	16.40
	127 63 0	5.56	2.14	0.43	2.13
	127 63 63	3.24	2.54	0.58	2.29
	127 63 127	13.11	3.43	3.34	5.87
	127 63 191	24.11	13.23	6.97	10.76
	127 63 255	35.37	21.44	9.95	14.20
	127 127 0	7.76	5.95	1.77	4.23
	127 127 63	3.65	4.47	1.04	3.39
	127 127 127	0.26	0.10	0.79	0.84
	127 127 191	7.83	7.71	3.62	6.82
	127 127 255	19.02	15.41	6.48	10.81
	127 191 0	14.41	9.10	3.23	6.01
	127 191 63	12.26	8.13	2.71	5.66
	127 191 127	10.37	3.32	1.49	4.37
	127 191 191	3.02	1.44	0.55	1.97
	127 191 255	4.74	6.65	2.84	5.39
	127 255 0	21.41	11.17	5.13	7.57
	127 255 63	20.34	10.33	4.81	7.34
	127 255 127	19.40	6.06	3.94	6.45
	127 255 191	14.76	0.04	2.43	4.96
	127 255 255	6.43	2.51	0.62	2.96
	191 0 0	13.07	3.48	2.47	3.99
	191 0 63	12.08	8.28	3.07	5.86
	191 0 127	21.86	2.93	5.02	7.31
	191 0 191	32.44	6.76	7.93	10.49
	191 0 255	41.99	15.54	10.50	13.61
	191 63 0	8.94	1.04	1.06	2.35
	191 63 63	6.72	5.09	1.76	3.72
	191 63 127	14.97	2.56	3.60	5.69
	191 63 191	25.19	5.66	6.40	8.89
	191 63 255	35.70	14.01	9.04	12.23
	191 127 0	5.75	3.90	0.47	2.47
	191 127 63	2.00	1.33	0.10	1.01
	191 127 127	3.85	2.38	1.61	2.92
	191 127 191	13.07	3.16	3.95	6.29
	191 127 255	22.85	10.75	6.40	9.78
	191 191 0	9.77	8.82	2.21	5.11
	191 191 63	7.13	7.89	1.75	4.77
	191 191 127	4.75	4.93	0.62	3.82
	191 191 191	0.13	0.07	1.18	1.19

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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	8.33	5.68	3.22	5.94
	191 255 0	17.20	12.24	4.33	7.22
	191 255 63	16.03	11.65	4.07	7.12
	191 255 127	15.08	8.45	3.22	6.47
	191 255 191	11.59	3.01	1.82	4.89
	191 255 255	4.28	1.36	0.18	2.45
	255 0 0	16.98	4.39	2.32	4.14
	255 0 63	15.00	8.33	2.68	5.32
	255 0 127	21.12	5.98	4.14	6.59
	255 0 191	30.39	0.79	6.38	8.60
	255 0 255	39.70	8.65	8.60	11.18
	255 63 0	13.92	3.04	1.44	3.20
	255 63 63	11.91	6.34	1.86	4.18
	255 63 127	16.99	4.89	3.20	5.53
	255 63 191	25.87	0.71	5.44	7.67
	255 63 255	35.20	7.81	7.66	10.26
	255 127 0	9.32	0.40	0.22	1.94
	255 127 63	6.87	2.92	0.64	2.25
	255 127 127	9.06	4.08	1.81	3.92
	255 127 191	16.95	0.83	3.77	6.10
	255 127 255	26.01	5.85	5.84	8.65
	255 191 0	8.26	4.71	1.49	3.09
	255 191 63	5.75	3.62	1.14	2.51
	255 191 127	3.95	1.15	0.19	1.51
	255 191 191	5.13	1.98	1.39	3.15
	255 191 255	13.29	3.04	3.21	6.03
	255 255 0	13.07	10.37	3.72	6.13
	255 255 63	11.60	9.69	3.47	5.94
	255 255 127	10.10	7.59	2.72	5.45
	255 255 191	6.53	4.19	1.48	4.16
	255 255 255 (1)	-	-	-	-
	Average (2)	15.48	7.50	3.84	6.54
	Maximum (2)	48.70	35.41	14.44	19.88

(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	62%

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(1) Five equally spaced code values for each channel

Property	Device adjustments
Backlight brightness	
Brightness	
Contrast	
RGB Gain	
Gradation	
Other	Modus sRGB ab Werk, keine Einstellmöglichkeiten für Helligkeit, etc. Die Helligkeit steht vermutlich fix auf 50