

Colorimetric Report

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Test Device	Samsung_S22C450MW
Target	sRGB
Display Profile	not considered
Rendering Intent	-

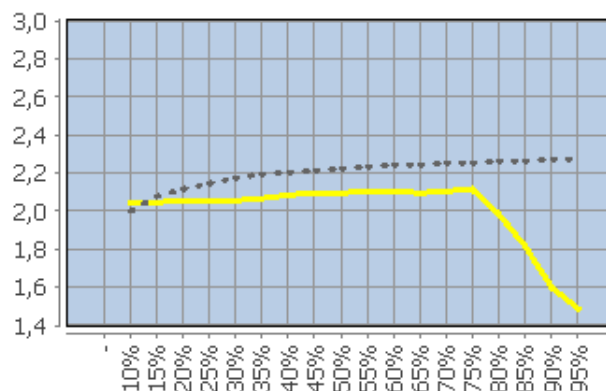
White Point / CCT Kelvin	6406K
White Point XYZ (normalized)	93.74 100.0 105.0
DeltaE to D50/ D65	17.37/ 3.33
DeltaE to Blackbody Curve *	2.72
Assumed Target Whitepoint	6400K
DeltaE to Assumed Target Whitepoint	2.69
Brightness / cd/m ² **	241.6
Black Point / cd/m ² **	0.2697
Contrast / x:1	896:1
Gradation (Average)	2.0

* Based on CCT ** Measured with X-Rite DTP94 or comparable probe

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	7620	2.06	2.15	2.05
	15	6644	0.56	0.67	2.05
	20	6536	0.37	1.21	2.06
	25	6584	0.6	1.98	2.06
	30	6694	1.11	2.61	2.06
	35	6675	1.19	2.51	2.07
	40	6725	1.46	2.75	2.08
	45	6740	1.7	2.9	2.09
	50	6720	1.97	3.1	2.09
	55	6727	2.0	2.77	2.1
	60	6713	2.07	2.84	2.1
	65	6716	2.21	2.97	2.09
	70	6730	2.45	3.07	2.1
	75	6742	2.68	2.95	2.11
	80	6767	3.13	3.75	1.99
	85	6733	3.11	3.99	1.82
	90	6770	3.72	4.58	1.59
	95	6844	4.47	4.69	1.49
	100	6406	-	-	-
	Average	-	2.05*	2.9*	2.0
	Maximum	-	4.47*	4.69*	-
	Range	-	4.2*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	4.54	5.56	2.57	3.45
	0 255 0	7.39	18.32	1.58	6.84
	0 0 255	14.04	6.46	1.95	3.52
	0 255 255	9.56	1.59	1.07	3.25
	255 0 255	5.6	6.4	3.0	3.91
	255 255 0	16.84	0.25	0.38	3.17
	170 85 85	5.07	0.6	1.47	2.4
	85 170 85	0.85	2.67	2.63	3.01
	85 85 170	6.69	2.62	1.34	2.84
	85 170 170	3.13	3.0	2.18	3.37
	170 85 170	3.92	4.0	0.78	2.56
	170 170 85	2.8	2.56	2.23	2.86
	229 0 0	3.84	3.23	0.57	1.61
	204 0 0	5.18	1.13	0.35	1.2
	178 0 0	5.79	0.35	0.1	1.28
	153 0 0	5.39	1.1	0.42	1.45
	127 0 0	4.53	0.91	0.8	1.53
	102 0 0	3.73	1.17	1.11	1.72
	76 0 0	2.83	0.38	1.51	1.84
	0 229 0	9.4	13.59	3.66	6.48
	0 204 0	8.14	10.35	3.01	5.3
	0 178 0	6.79	8.14	2.48	4.44
	0 153 0	6.05	6.37	2.58	4.06
	0 127 0	5.42	4.91	2.65	3.78
	0 102 0	4.2	3.41	2.77	3.48
	0 76 0	2.28	1.88	2.53	2.84
	0 0 229	24.38	8.88	1.55	5.09
	0 0 204	22.77	8.88	2.0	5.37
	0 0 178	20.39	8.3	2.21	5.37
	0 0 153	18.53	7.46	1.8	5.13
	0 0 127	16.27	6.39	1.25	4.75
	0 0 102	13.63	5.23	0.73	4.29
	0 0 76	9.08	3.82	0.09	3.41
	0 229 229	7.07	5.83	3.09	5.17
	0 204 204	5.53	4.81	2.38	4.23
	0 178 178	4.49	3.81	1.82	3.45
	0 153 153	3.58	3.27	1.98	3.25
	0 127 127	2.76	2.86	2.12	3.13
	0 102 102	1.93	2.05	2.28	2.86
	0 76 76	1.42	1.35	2.1	2.45
	229 0 229	12.39	6.95	1.16	3.62
	204 0 204	10.89	5.56	1.14	3.24
	178 0 178	9.14	4.34	0.98	2.8
	153 0 153	8.45	3.61	0.5	2.54
	127 0 127	7.55	3.11	0.01	2.4
	102 0 102	6.46	2.54	0.37	2.26
	76 0 76	4.84	1.74	0.69	1.96

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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	15.77	1.67	2.91	4.34
	204 204 0	12.46	2.5	2.5	3.82
	178 178 0	9.73	2.55	2.15	3.34
	153 153 0	8.13	2.53	2.38	3.38
	127 127 0	6.69	2.53	2.52	3.41
	102 102 0	5.25	2.47	2.66	3.43
	76 76 0	2.7	2.01	2.52	2.97
	255 25 25	4.48	5.2	2.69	3.51
	255 51 51	7.39	2.98	2.15	2.9
	255 76 76	9.59	1.21	1.4	2.61
	255 102 102	10.24	0.37	0.73	2.69
	255 127 127	9.78	0.41	0.34	2.89
	255 153 153	8.77	0.88	0.01	3.11
	255 178 178	7.42	1.49	0.2	3.31
	255 204 204	6.13	2.86	0.88	4.06
	255 229 229	3.56	4.58	1.67	5.01
	25 255 25	7.15	17.73	1.52	6.7
	51 255 51	4.45	15.87	1.54	6.18
	76 255 76	0.89	13.25	1.56	5.44
	102 255 102	1.74	10.63	1.51	4.74
	127 255 127	3.38	8.46	1.43	4.21
	153 255 153	4.39	6.45	1.3	3.73
	178 255 178	4.91	4.5	1.1	3.23
	204 255 204	6.57	2.1	0.94	3.18
	229 255 229	8.15	0.57	0.85	4.82
	25 25 255	14.34	6.42	2.22	3.77
	51 51 255	9.98	4.85	0.93	2.54
	76 76 255	6.02	3.27	0.24	1.68
	102 102 255	3.39	2.02	0.98	1.48
	127 127 255	2.09	1.22	1.25	1.46
	153 153 255	1.04	0.52	1.41	1.47
	178 178 255	0.31	0.18	1.39	1.4
	204 204 255	1.42	0.92	1.87	2.08
	229 229 255	3.13	1.19	2.36	3.22
	25 255 255	9.32	1.55	1.03	3.19
	51 255 255	9.36	1.52	1.07	3.27
	76 255 255	9.26	1.47	1.11	3.35
	102 255 255	8.84	1.4	1.11	3.38
	127 255 255	8.19	1.27	1.09	3.36
	153 255 255	7.28	1.07	1.05	3.29
	178 255 255	6.05	0.89	0.94	3.09
	204 255 255	4.91	0.62	0.86	2.96
	229 255 255	3.75	0.31	0.73	2.8

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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	5.76	6.37	3.06	3.98
	255 51 255	4.17	6.42	2.6	3.64
	255 76 255	1.93	6.45	1.92	3.22
	255 102 255	0.17	6.35	1.23	2.96
	255 127 255	1.44	6.1	0.78	2.93
	255 153 255	2.47	5.67	0.33	3.0
	255 178 255	3.05	5.03	0.02	3.08
	255 204 255	4.39	4.09	0.75	3.38
	255 229 255	5.31	2.63	1.51	4.02
	255 255 25	16.52	0.23	0.35	3.16
	255 255 51	13.55	0.12	0.34	2.71
	255 255 76	9.57	0.53	0.32	2.06
	255 255 102	6.04	0.78	0.28	1.48
	255 255 127	3.35	0.79	0.25	1.0
	255 255 153	1.26	0.66	0.18	0.57
	255 255 178	0.56	0.41	0.11	0.35
	255 255 204	3.61	0.07	0.07	1.67
	255 255 229	6.6	0.46	0.08	4.17
	213 255 0	14.71	7.59	1.24	4.27
	159 191 0	10.07	1.52	2.15	3.16
	106 128 0	6.87	0.06	2.68	3.27
	0 255 85	1.49	12.72	1.49	5.18
	0 191 64	2.38	6.49	2.11	3.61
	0 128 42	3.99	4.54	2.46	3.57
	0 128 255	2.57	3.48	1.06	2.06
	0 96 191	7.02	5.91	0.91	3.83
	0 64 128	6.73	5.49	0.89	4.19
	170 0 255	8.47	0.11	1.14	1.74
	127 0 191	13.39	0.89	0.97	2.7
	85 0 128	10.95	0.7	0.18	2.6
	255 0 42	6.55	2.37	2.63	3.06
	191 0 32	4.88	0.72	0.55	1.27
	128 0 21	2.75	0.72	0.68	1.11
	170 85 0	1.56	6.69	1.48	3.77
	0 170 85	0.57	3.31	2.3	2.85
	85 0 170	14.63	3.36	0.89	3.3
	0 85 170	6.95	5.79	1.0	3.95
	170 0 85	1.11	6.01	0.1	3.11
	85 170 0	7.92	5.43	2.65	4.0
	123 127 127	1.24	1.36	2.05	2.71
	127 123 127	1.34	1.43	2.05	2.74
	127 127 123	1.09	1.34	2.08	2.64
	Average	6.61	3.78	1.42	3.23
	Maximum	24.38	18.32	3.66	6.84

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Rendering Intent	-

Property	Device adjustments
Backlight brightness	
Brightness	100
Contrast	75
RGB Gain	50 50 50
Gradation	Modus1
Other	Werk Normal, iColor Display 3.8.5, i1D3