

Colorimetric Report

Page (1/4)



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Test Device	Shimian QH300
Target	sRGB
Display Profile	not considered
Rendering Intent	-

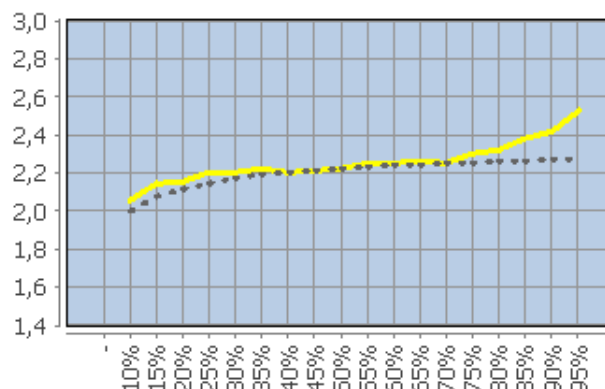
White Point / CCT Kelvin	9179K
White Point XYZ (normalized)	91.4 100.0 134.78
DeltaE to D50/ D65	36.61/ 16.1
DeltaE to Blackbody Curve *	7.34
Assumed Target Whitepoint	9200K
DeltaE to Assumed Target Whitepoint	7.38
Brightness / cd/m ² **	198.0
Black Point / cd/m ² **	0.31
Contrast / x:1	639:1
Gradation (Average)	2.25

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	10253	1.12	1.42	2.06
	15	9830	0.67	1.46	2.14
	20	9126	0.64	0.99	2.15
	25	9334	0.61	1.14	2.2
	30	9578	0.96	1.05	2.2
	35	9646	0.95	1.13	2.22
	40	9518	1.43	1.44	2.2
	45	9370	0.56	0.59	2.21
	50	9266	1.21	1.24	2.22
	55	9602	1.08	1.16	2.25
	60	9684	1.53	1.54	2.25
	65	9585	1.25	1.25	2.26
	70	9447	0.89	0.91	2.25
	75	9507	1.11	1.2	2.3
	80	9581	1.39	1.46	2.32
	85	9712	2.12	2.21	2.38
	90	9664	1.92	1.97	2.42
	95	9321	0.76	0.97	2.53
	100	9178	-	-	-
	Average	-	1.12*	1.28*	2.25
	Maximum	-	2.12*	2.21*	-
	Range	-	2.77*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma



Colorimetric Report

Page (2/4)



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 0 0	26.2	1.88	2.17	5.13
	0 255 0	34.29	19.01	1.39	8.77
	0 0 255	3.64	2.77	1.07	1.51
	0 255 255	22.74	3.19	1.08	7.3
	255 0 255	13.96	9.36	1.97	4.55
	255 255 0	12.5	0.38	0.44	2.38
	170 85 85	9.56	1.89	0.42	3.73
	85 170 85	15.41	8.87	0.64	6.52
	85 85 170	3.38	1.14	0.07	1.21
	85 170 170	11.99	1.38	0.48	5.55
	170 85 170	8.99	4.22	0.57	3.48
	170 170 85	4.02	1.92	0.2	1.76
	229 0 0	21.55	0.52	1.32	4.25
	204 0 0	18.32	0.49	1.04	3.83
	178 0 0	15.31	1.93	1.14	3.63
	153 0 0	11.89	2.65	0.64	3.18
	127 0 0	9.63	3.12	0.99	3.2
	102 0 0	6.79	3.15	0.59	2.8
	76 0 0	3.45	2.46	0.6	2.08
	0 229 0	30.69	17.67	1.95	8.63
	0 204 0	28.22	16.27	1.69	8.39
	0 178 0	25.49	14.88	1.19	8.1
	0 153 0	22.41	13.44	1.13	7.79
	0 127 0	19.25	11.89	0.8	7.38
	0 102 0	15.38	10.27	0.73	6.79
	0 76 0	10.11	9.01	1.36	6.18
	0 0 229	4.79	3.15	0.91	1.61
	0 0 204	4.02	2.97	0.75	1.49
	0 0 178	3.5	2.65	0.66	1.39
	0 0 153	2.61	2.21	0.92	1.4
	0 0 127	1.07	1.65	0.78	1.1
	0 0 102	0.02	1.11	1.1	1.23
	0 0 76	1.72	0.88	0.94	1.17
	0 229 229	19.46	1.08	1.57	6.54
	0 204 204	18.29	1.72	1.27	6.51
	0 178 178	17.01	2.04	0.84	6.44
	0 153 153	15.06	1.66	0.72	6.07
	0 127 127	13.69	2.47	0.46	6.1
	0 102 102	11.31	1.88	0.39	5.45
	0 76 76	8.29	1.37	1.07	4.53
	229 0 229	13.8	7.05	1.25	3.82
	204 0 204	12.63	6.34	0.99	3.62
	178 0 178	11.25	6.05	1.09	3.62
	153 0 153	10.14	4.62	0.71	3.15
	127 0 127	7.87	4.87	0.93	3.21
	102 0 102	6.63	3.45	0.51	2.63
	76 0 76	3.41	2.76	0.37	1.96

Colorimetric Report

Page (3/4)



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	RGB	deltaC	deltaH	deltaL	deltaE94
	229 229 0	10.69	0.29	1.21	2.45
	204 204 0	9.79	0.98	1.04	2.38
	178 178 0	9.02	1.12	0.56	2.22
	153 153 0	7.6	1.94	0.66	2.24
	127 127 0	6.36	1.49	0.31	1.96
	102 102 0	4.83	1.97	0.48	1.94
	76 76 0	1.36	1.61	1.14	1.6
	255 25 25	24.12	0.69	1.66	4.74
	255 51 51	20.99	1.47	1.42	4.47
	255 76 76	18.6	2.74	1.24	4.49
	255 102 102	15.56	3.06	1.3	4.42
	255 127 127	13.45	2.4	1.11	4.29
	255 153 153	11.06	2.97	0.72	4.33
	255 178 178	8.49	2.33	0.49	3.97
	255 204 204	6.34	2.49	0.05	3.9
	255 229 229	3.85	2.48	0.43	3.49
	25 255 25	34.36	18.5	1.4	8.77
	51 255 51	32.35	17.56	1.4	8.6
	76 255 76	29.11	16.5	1.37	8.4
	102 255 102	24.03	14.69	1.27	7.88
	127 255 127	19.73	12.06	1.14	7.14
	153 255 153	15.1	10.44	1.11	6.73
	178 255 178	10.66	7.58	0.91	5.61
	204 255 204	6.84	5.66	0.86	4.82
	229 255 229	3.13	3.64	0.65	3.5
	25 25 255	5.18	3.17	0.72	1.51
	51 51 255	5.2	3.01	0.57	1.48
	76 76 255	4.83	2.44	0.37	1.33
	102 102 255	3.23	1.37	0.68	1.11
	127 127 255	2.38	0.88	0.66	0.96
	153 153 255	2.51	0.04	0.19	0.73
	178 178 255	1.91	0.13	0.16	0.69
	204 204 255	2.33	0.48	0.43	1.19
	229 229 255	2.23	0.37	0.74	1.6
	25 255 255	22.17	2.6	1.12	7.12
	51 255 255	21.38	2.64	1.08	7.03
	76 255 255	20.15	2.32	1.1	6.85
	102 255 255	17.97	1.97	1.02	6.44
	127 255 255	15.5	1.69	0.94	5.98
	153 255 255	13.37	1.42	0.9	5.72
	178 255 255	10.0	0.74	0.78	4.84
	204 255 255	7.67	0.48	0.76	4.44
	229 255 255	4.54	0.09	0.65	3.31

Colorimetric Report

Page (4/4)



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	RGB	deltaC	deltaH	deltaL	deltaE94
	255 25 255	14.51	8.57	1.65	4.29
	255 51 255	14.35	8.32	1.56	4.29
	255 76 255	13.68	7.88	1.47	4.25
	255 102 255	11.81	7.26	1.51	4.14
	255 127 255	10.43	6.35	1.34	3.96
	255 153 255	9.24	5.32	0.93	3.75
	255 178 255	7.61	4.0	0.66	3.4
	255 204 255	6.13	2.65	0.04	3.09
	255 229 255	4.39	1.05	0.46	2.72
	255 255 25	12.27	0.53	0.6	2.42
	255 255 51	10.8	0.73	0.59	2.24
	255 255 76	8.43	0.97	0.57	1.92
	255 255 102	5.59	1.24	0.58	1.54
	255 255 127	4.18	1.23	0.56	1.38
	255 255 153	2.01	1.19	0.54	1.06
	255 255 178	1.22	1.14	0.52	0.99
	255 255 204	0.04	0.93	0.52	0.85
	255 255 229	0.96	0.77	0.46	1.0
	213 255 0	14.13	6.24	1.05	3.76
	159 191 0	10.77	5.08	1.16	3.5
	106 128 0	7.49	4.3	0.47	3.09
	0 255 85	32.58	17.35	1.39	8.96
	0 191 64	26.33	13.33	1.44	8.25
	0 128 42	20.09	9.36	0.66	7.26
	0 128 255	1.6	3.98	0.28	1.95
	0 96 191	1.93	2.51	0.01	1.45
	0 64 128	2.46	0.3	0.77	1.16
	170 0 255	9.48	6.72	1.17	3.04
	127 0 191	8.26	5.47	0.9	2.85
	85 0 128	5.07	3.7	0.55	2.21
	255 0 42	21.43	0.02	1.67	4.35
	191 0 32	15.74	0.07	0.88	3.65
	128 0 21	10.77	0.02	0.88	3.17
	170 85 0	11.71	4.18	0.04	3.74
	0 170 85	23.17	10.21	0.92	7.86
	85 0 170	6.13	3.93	0.69	2.15
	0 85 170	2.87	1.25	0.33	1.15
	170 0 85	12.21	1.49	0.88	3.41
	85 170 0	16.98	11.01	0.97	6.27
	123 127 127	2.1	0.14	0.07	1.97
	127 123 127	0.15	0.64	0.05	0.63
	127 127 123	0.54	1.36	0.0	1.4
	Average	11.39	4.25	0.85	3.88
	Maximum	34.36	19.01	2.17	8.96