

Colorimetric Report

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CCalc 2.0
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Test Device	Samsung_U32D970Q
Target	sRGB
Display Profile	not considered
Rendering Intent	-

White Point / CCT Kelvin	6436K
White Point XYZ (normalized)	94.32 100.0 106.53
DeltaE to D50/ D65	18.14/ 1.93
DeltaE to Blackbody Curve *	1.48
Assumed Target Whitepoint	6400K
DeltaE to Assumed Target Whitepoint	1.35
Brightness / cd/m ² **	244.9
Black Point / cd/m ² **	0.37
Contrast / x:1	662:1
Gradation (Average)	2.18

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

	Percent	Kelvin	deltaC	deltaE	Gamma
	5	-	-	-	-
	10	6442	0.46	0.52	2.03
	15	6337	0.22	0.71	2.1
	20	6412	0.07	0.54	2.14
	25	6430	0.02	0.17	2.16
	30	6455	0.17	0.22	2.18
	35	6403	0.22	0.3	2.17
	40	6404	0.14	0.46	2.18
	45	6436	0.0	0.7	2.18
	50	6421	0.08	0.74	2.19
	55	6411	0.14	0.47	2.19
	60	6419	0.15	0.58	2.2
	65	6432	0.06	0.63	2.2
	70	6421	0.12	0.71	2.2
	75	6440	0.04	0.36	2.21
	80	6405	0.28	0.49	2.21
	85	6417	0.2	0.38	2.22
	90	6411	0.23	0.4	2.22
	95	6419	0.18	0.18	2.2
	100	6436	-	-	-
	Average	-	0.14*	0.47*	2.18
	Maximum	-	0.28*	0.74*	-
	Range	-	0.43*	-	-

* Only luminance > 1% considered
Without Black Point Compensation

Corresponding Gamma

