

# Gray Scale: OSD sRGB Profile (Custom Settings)

Samsung Odyssey OLED G8 – sRGB

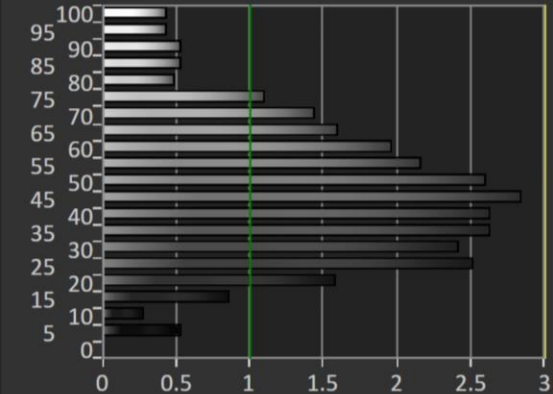
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2



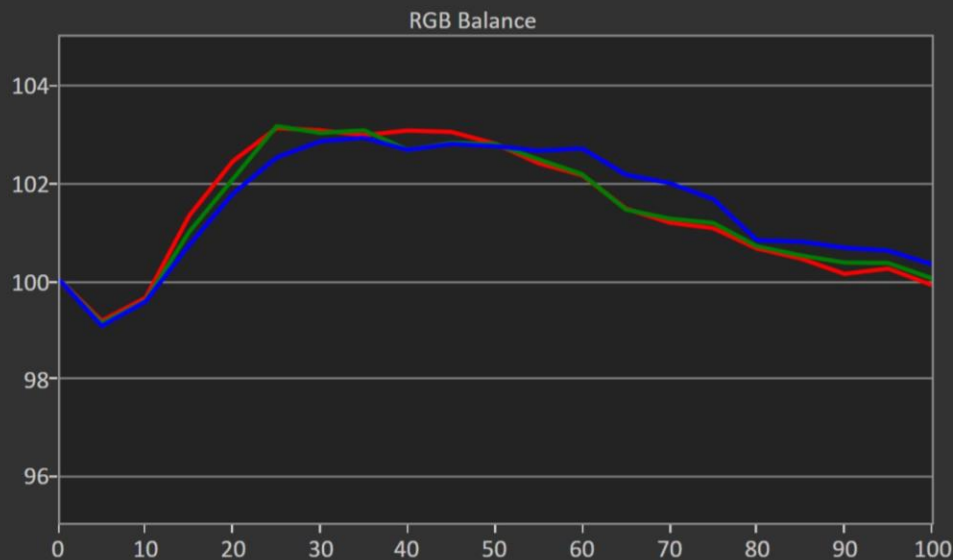
## Grayscale - Multi

dE Formula: 2000

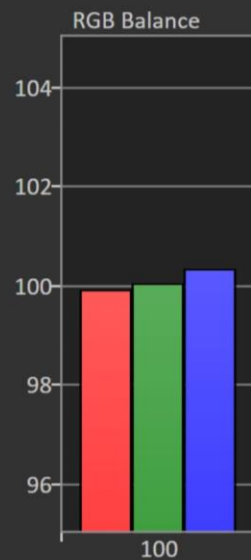
DeltaE 2000



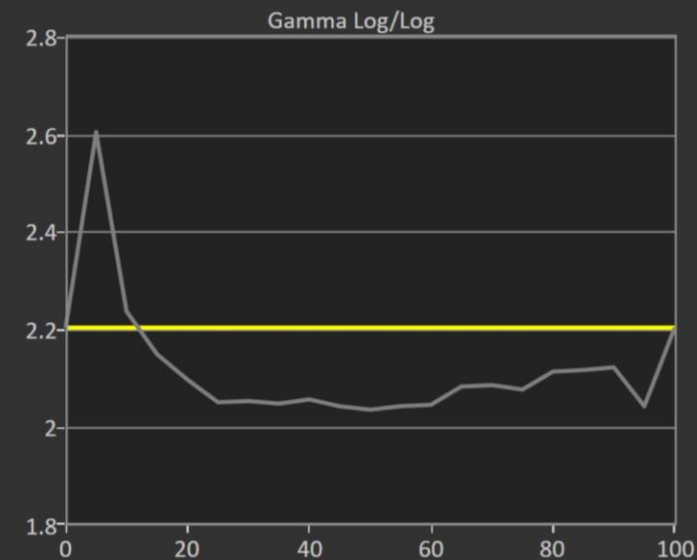
Avg dE2000: 1.5



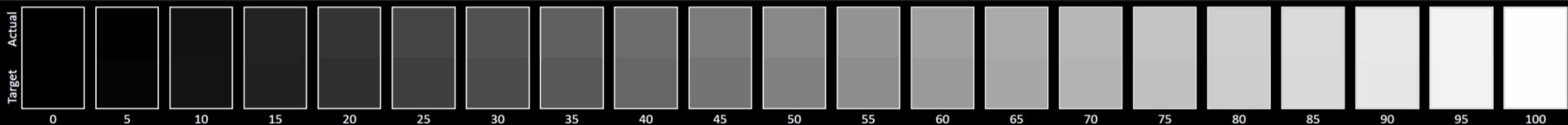
Avg CCT: 6446



Contrast Ratio: 189141

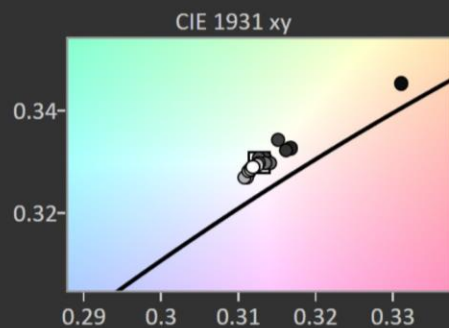


Average Gamma: 2.107



### Current Reading

x: 0.312      y: 0.3282  
 u': 0.1976   v': 0.4678  
 cd/m<sup>2</sup>: 160.7113  
 ΔE 2000: 0.44



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.3609	0.3311	0.3136	0.3168	0.3163	0.3153	0.3136	0.3129	0.3141	0.3135	0.3128	0.3121	0.3114	0.3112
y: CIE31	0.3309	0.3447	0.3293	0.3319	0.3316	0.3336	0.3301	0.3299	0.3290	0.3291	0.3292	0.3283	0.3269	0.3264
Y	0.0008	0.0701	0.9806	2.7049	5.5314	9.4841	13.4415	18.6820	24.4944	31.6892	39.6133	47.3166	56.6249	65.8205
Target Y	0.0000	0.2303	1.0583	2.4388	4.6592	7.6781	11.2059	15.8605	21.4081	27.8736	35.2793	42.9675	52.2371	62.5023
Gamma Log/Log	2.2000	2.5999	2.2334	2.1456	2.0934	2.0472	2.0497	2.0445	2.0530	2.0389	2.0319	2.0392	2.0421	2.0795
CCT	4295.0000	5554.0000	6451.0000	6267.0000	6295.0000	6337.0000	6449.0000	6489.0000	6431.0000	6462.0000	6495.0000	6545.0000	6591.0000	6610.0000
ΔE 2000	0.0054	0.5282	0.2752	0.8522	1.5843	2.5200	2.4147	2.6308	2.6263	2.8447	2.5963	2.1652	1.9667	1.5924
ΔE ITP	4.2718	24.6818	2.8199	4.8674	8.8595	11.7385	10.6238	9.9870	8.5643	8.3645	7.7146	6.5572	5.6584	3.8129

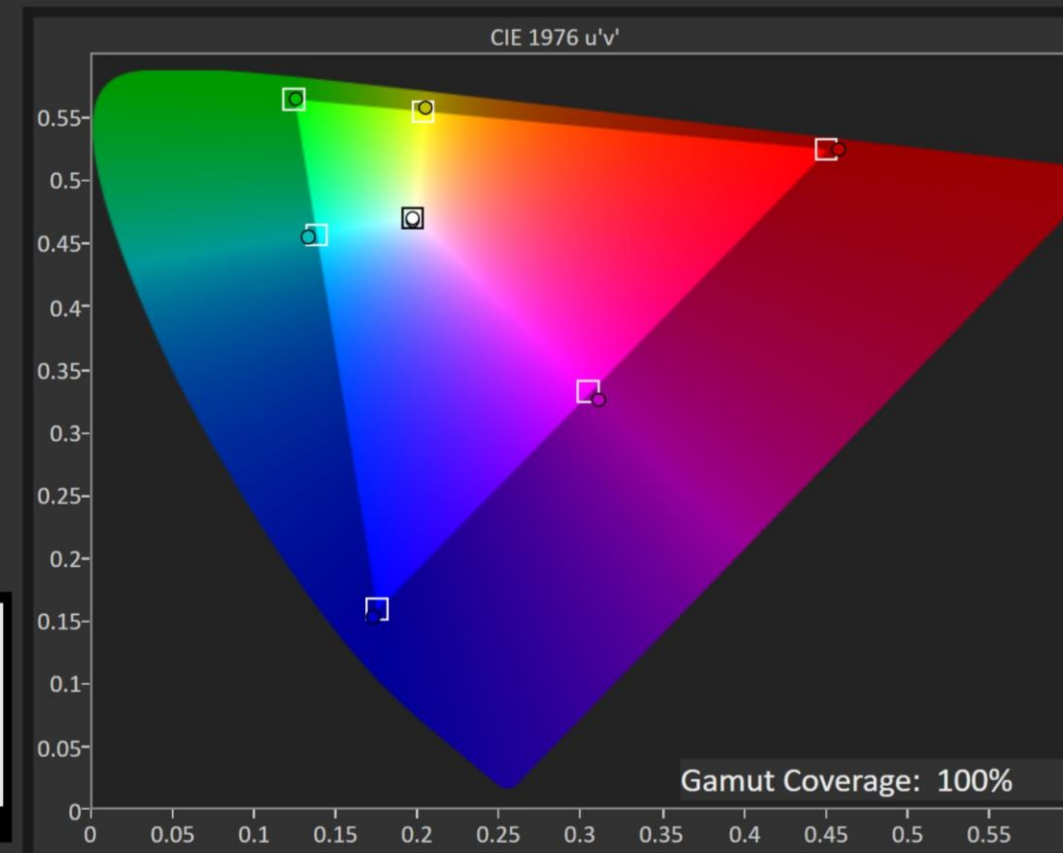
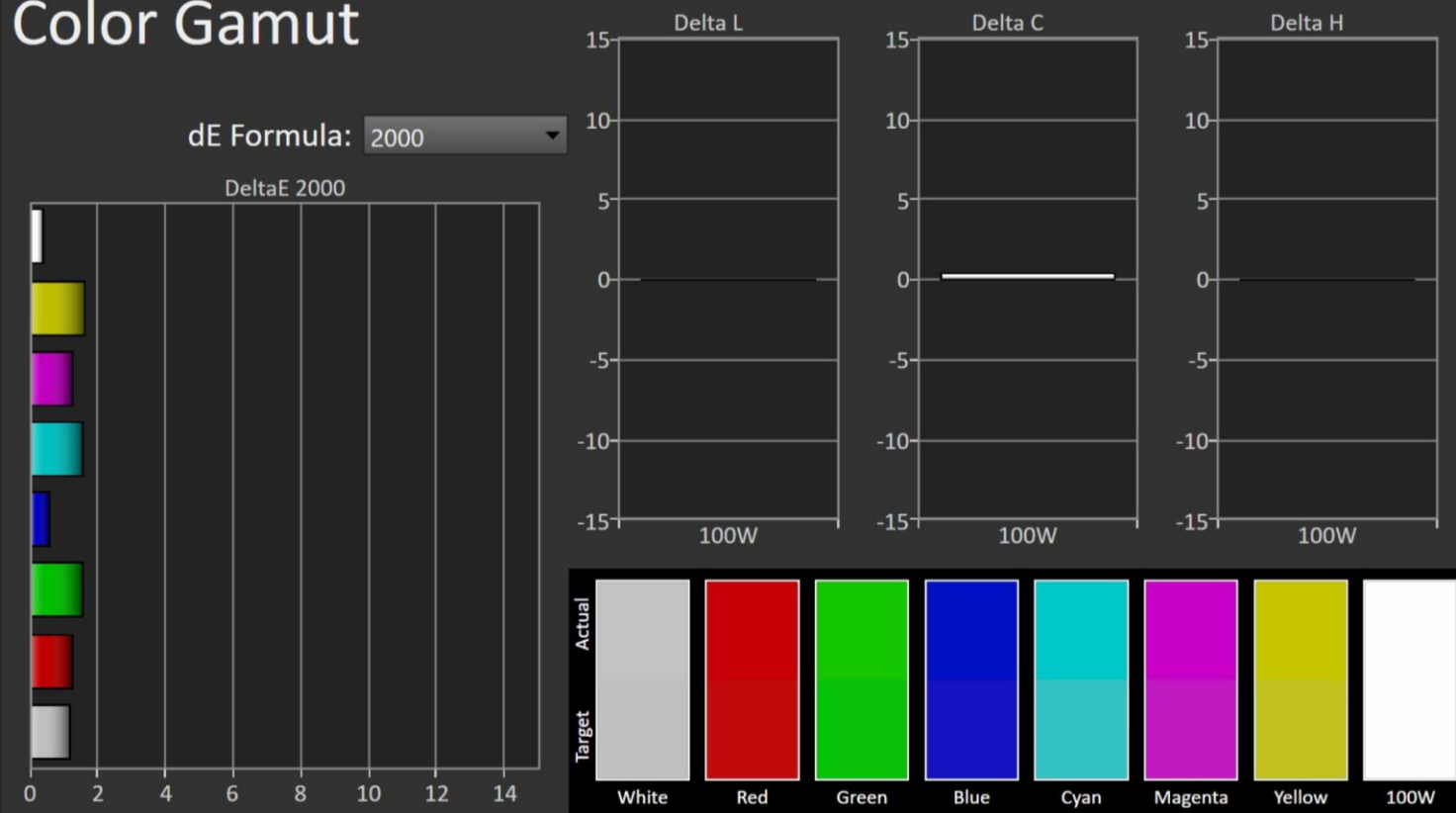
# Color Space: OSD sRGB Profile (Custom Settings)

Samsung Odyssey OLED G8 – sRGB

Portrait Display Calman Ultimate | Target: 99 %

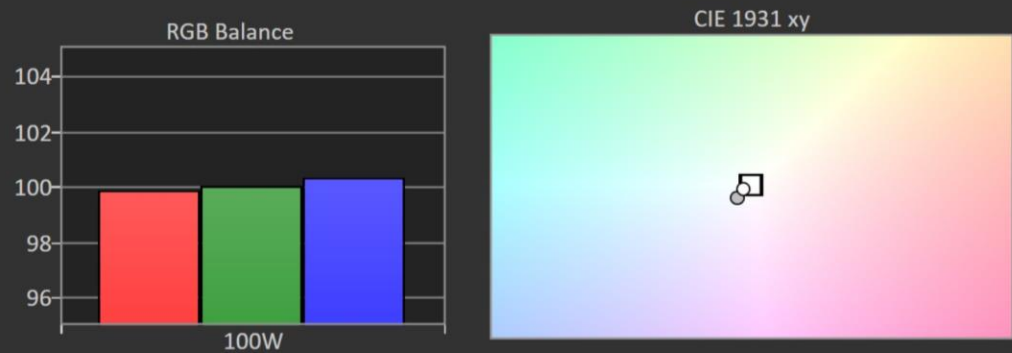


## Color Gamut



## Current Reading

x: 0.312      y: 0.3283  
fL: 46.88  
cd/m<sup>2</sup>: 160.62



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.3115	0.6466	0.3020	0.1467	0.2173	0.3220	0.4242	0.3120
y: CIE31	0.3271	0.3288	0.6014	0.0573	0.3265	0.1494	0.5114	0.3283
Y	88.2040	18.8734	64.9306	6.1302	69.3053	25.0581	82.3878	160.6220
Target Y	85.0531	18.0870	60.8264	6.1396	66.9660	24.2267	78.9135	160.6220
ΔE 2000	1.1799	1.2295	1.5551	0.5678	1.5391	1.2551	1.6090	0.3991
ΔE ITP	2.7576	6.7998	4.8775	7.8010	5.3640	7.4555	6.3384	0.3986

# ColorChecker: OSD sRGB Profile (Custom Settings)

Samsung Odyssey OLED G8 – sRGB

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5

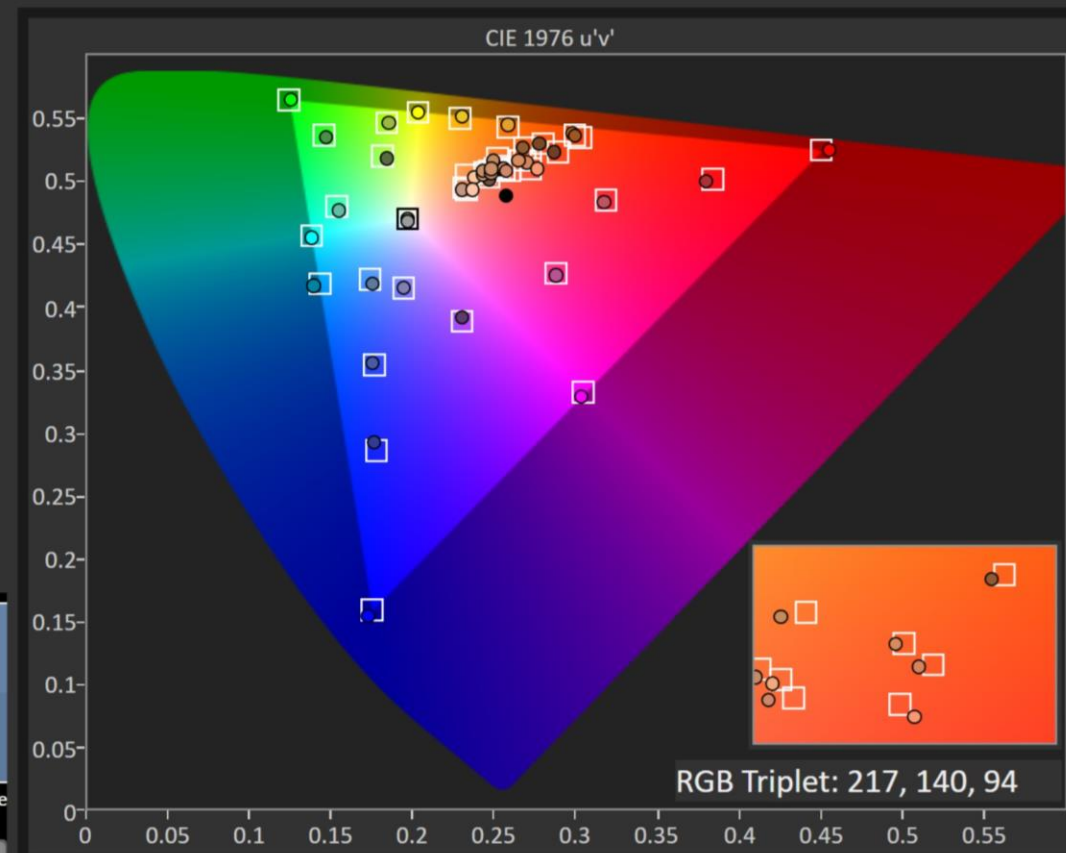
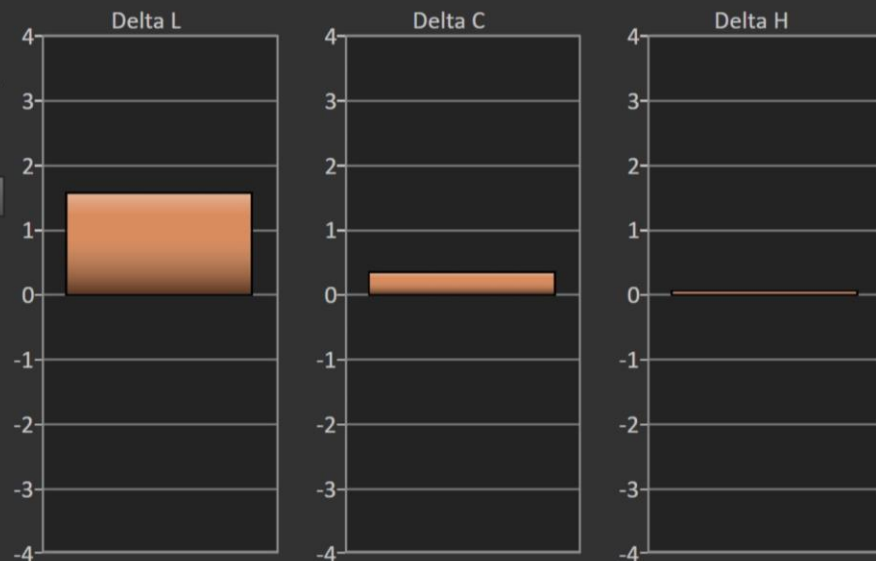
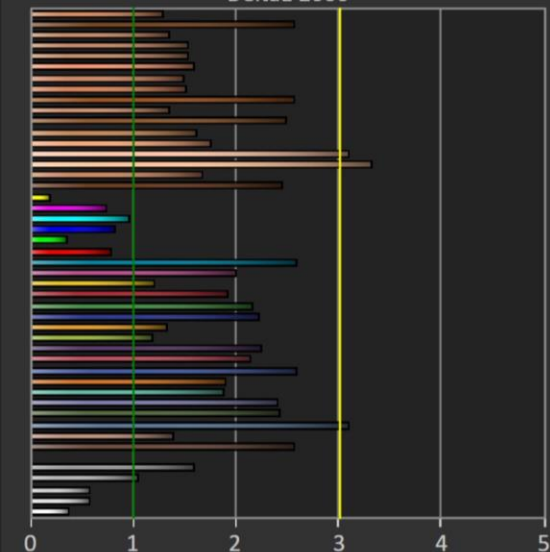


## ColorChecker

Display analysis is performed with the X-Rite/Pantone ColorChecker® target colors.

dE Formula: 2000

DeltaE 2000



Avg dE2000: 1.71

Max dE2000: 3.32

Current Reading

x: 0.4462 y: 0.3849

fL: 17.36

cd/m<sup>2</sup>: 59.5

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Purplish E
<b>x: CIE31</b>	0.3120	0.3116	0.3123	0.3116	0.3115	0.4017	0.4040	0.3756	0.2482	0.3423	0.2671	0.2617	0.5157	0.2145
<b>y: CIE31</b>	0.3283	0.3280	0.3281	0.3273	0.3270	0.3364	0.3629	0.3545	0.2614	0.4273	0.2519	0.3549	0.4125	0.1914
<b>Y</b>	161.2111	129.3519	105.3474	83.0663	59.8573	0.0011	18.6306	60.8236	34.7735	23.8948	42.4169	72.9886	49.5656	21.6808
<b>Target x:CIE31</b>	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4060	0.3793	0.2485	0.3411	0.2680	0.2620	0.5147	0.2143
<b>Target y:CIE31</b>	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3665	0.3564	0.2648	0.4329	0.2523	0.3613	0.4092	0.1890
<b>Target Y</b>	161.2111	128.4718	104.0707	80.5258	56.2409	0.0000	16.0425	57.3063	30.5352	21.0411	38.2429	68.5750	46.2053	18.8409
<b>ΔE 2000</b>	0.3852	0.5693	0.5825	1.0402	1.6036	0.0108	2.5697	1.3998	3.0931	2.4268	2.4002	1.8725	1.9085	2.6003
<b>ΔE ITP</b>	0.3947	0.8108	0.9773	2.3571	4.4314	5.1176	9.2959	4.4845	8.7837	8.2705	7.0132	4.9676	5.4973	8.7254



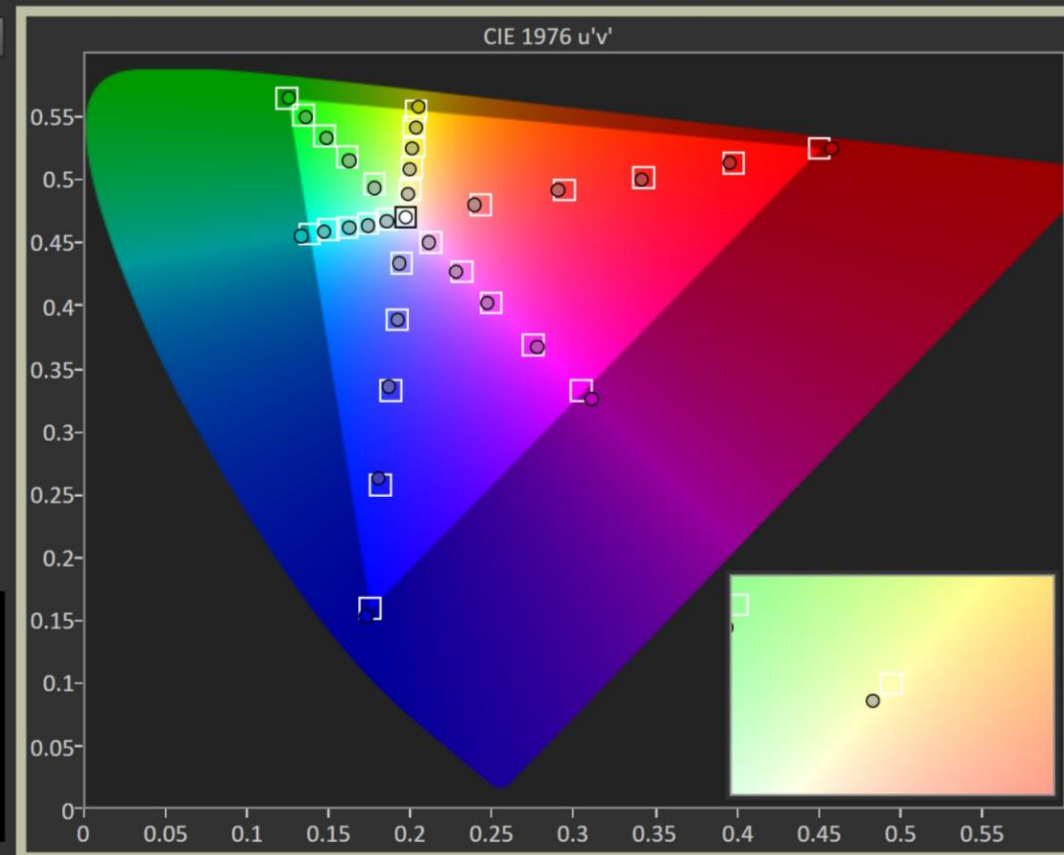
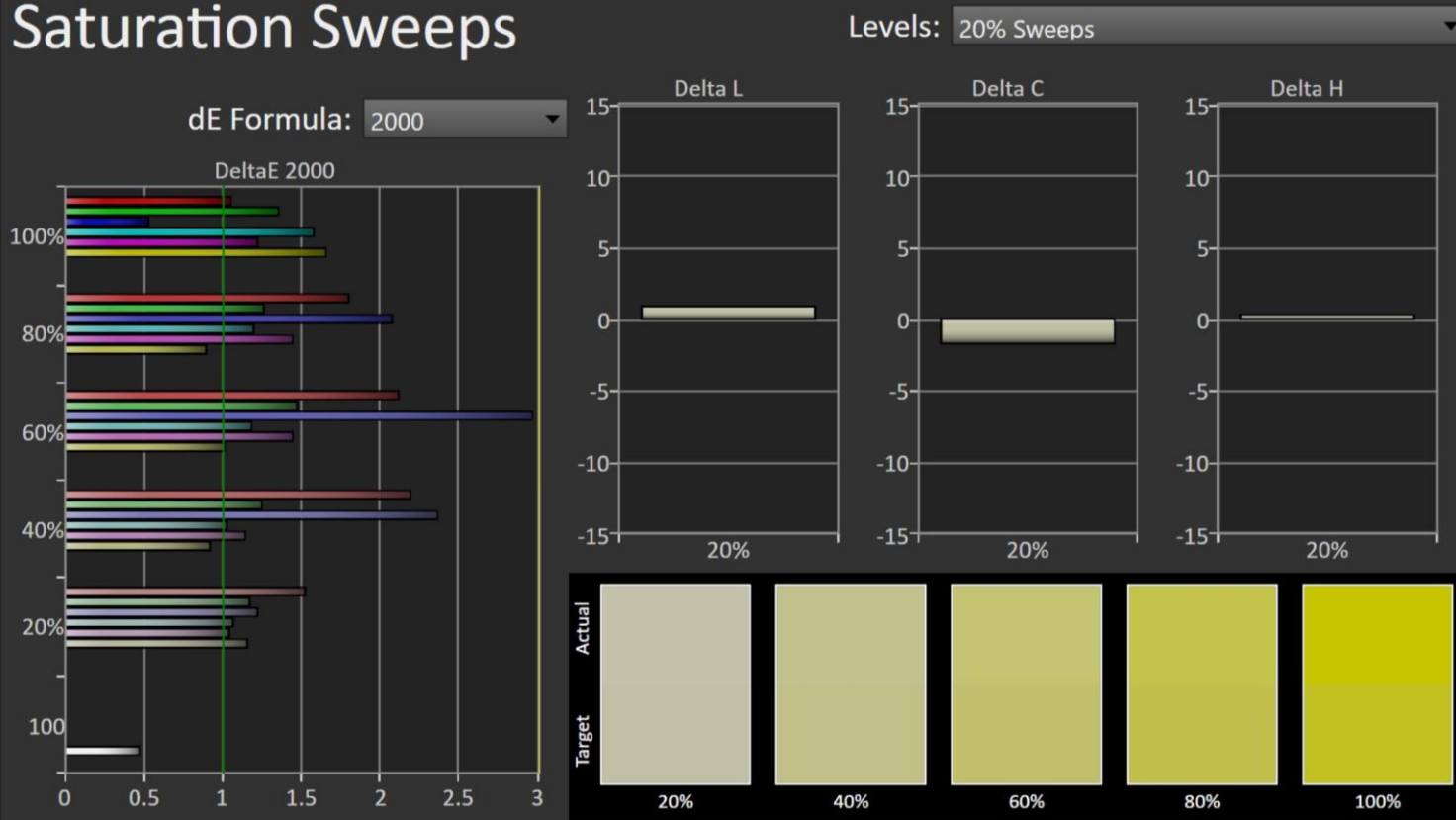
# Saturation: OSD sRGB Profile (Custom Settings)

Samsung Odyssey OLED G8 – sRGB

Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



## Saturation Sweeps



Avg dE2000: 1.38

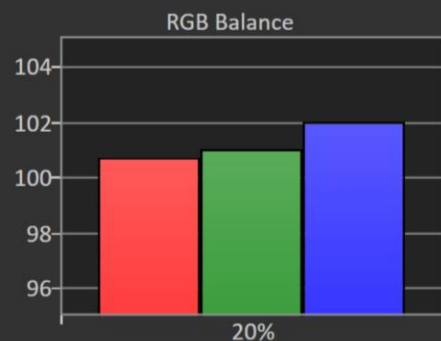
Max dE2000: 2.96

Current Reading

x: 0.3311    y: 0.3607

fL: 25.11

cd/m<sup>2</sup>: 86.04



	20%	40%	60%	80%	100%
<b>x: CIE31</b>	0.3311	0.3527	0.3752	0.3991	0.4241
<b>y: CIE31</b>	0.3607	0.3969	0.4325	0.4705	0.5116
<b>Y</b>	86.0387	83.8086	84.3890	82.9788	82.8571
<b>Target x:CIE31</b>	0.3342	0.3563	0.3776	0.3979	0.4193
<b>Target y:CIE31</b>	0.3645	0.4011	0.4363	0.4699	0.5053
<b>Target Y</b>	83.4937	82.0189	80.8699	79.9597	79.1489
<b>ΔE 2000</b>	1.1583	0.9261	1.0156	0.8991	1.6580
<b>ΔE ITP</b>	2.8399	2.6721	3.5551	2.7778	6.4900