

OSD-Settings: sRGB Color Space CCT corrected

REPUBLIC OF GAMERS | ROG SWIFT PG32UCDM | 3840x2160 | 60Hz | GameVisual Racing Mode | Input Select DisplayPort | HDR OFF

Category	Setting	Value	Indicator
Color	Display Color Space	sRGB	⊙
	Color Temp.	DCI-P3	○
	Saturation	50	○
	Six-axis Saturation		○
	Gamma		

REPUBLIC OF GAMERS | ROG SWIFT PG32UCDM | 3840x2160 | 60Hz | GameVisual Racing Mode | Input Select DisplayPort | HDR OFF

Category	Setting	Value	Indicator	Value	
Color	Display Color Space	4000K	○	R 92	
	Color Temp.	5000K	○	G 99	
	Saturation	50	○	B 97	
	Six-axis Saturation		○		
	Gamma		○		
			9800K	○	
			10000K	○	
	User		>		

Volume 50 | Back | Enter | Exit

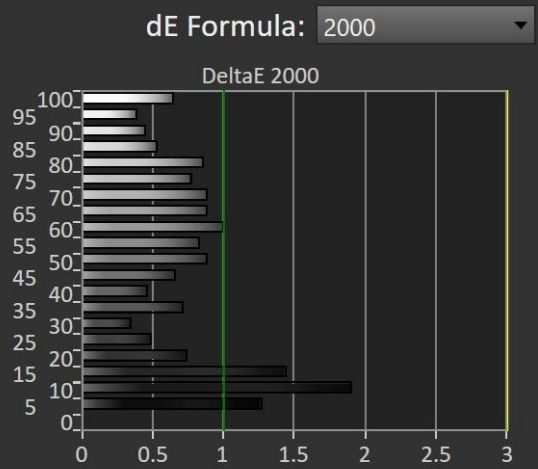
Gray Scale: OSD sRGB Color Space CCT corrected

ASUS ROG Swift PG32UCDM – sRGB

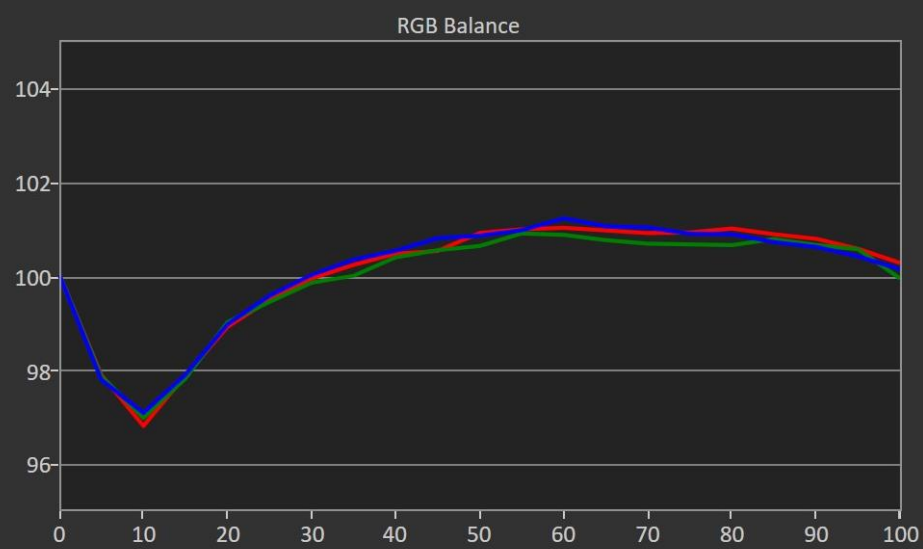
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.0 | CCT 6500K | Gamma 2.2



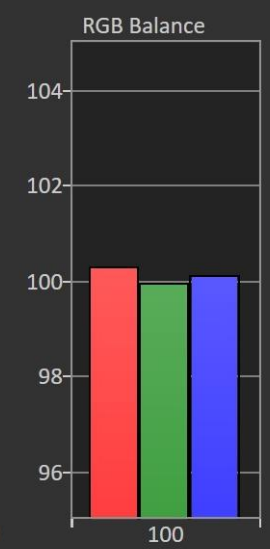
Grayscale - Multi



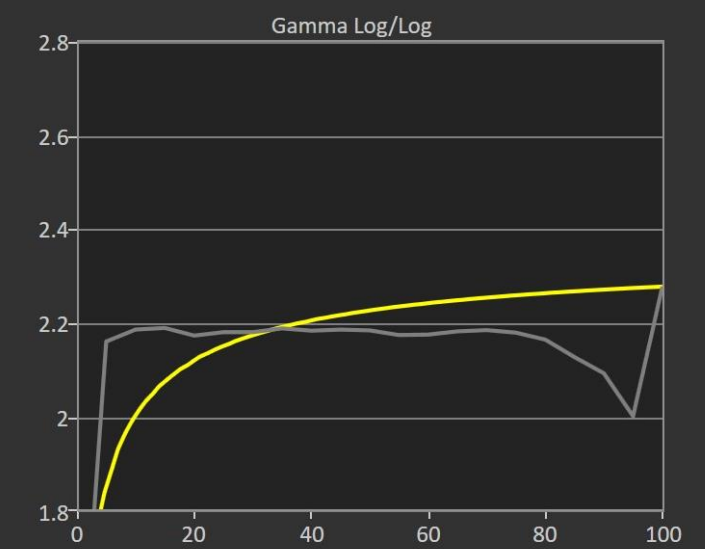
Avg dE2000: 0.8



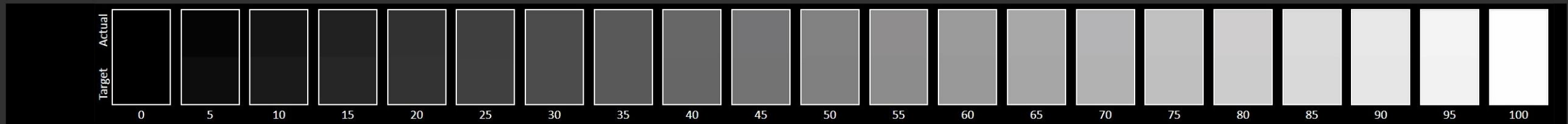
Avg CCT: 6507



Contrast Ratio: 197918

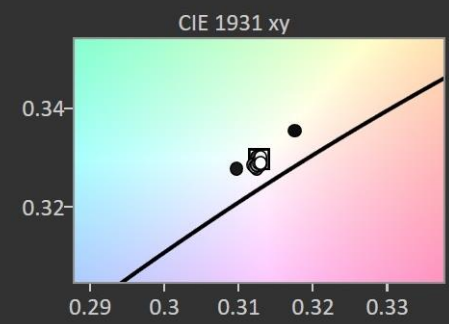


Average Gamma: 2.16



Current Reading

x: 0.313 y: 0.3285
 u': 0.1982 v': 0.4681
 cd/m²: 202.4453
 ΔE 2000: 0.65



	0	5	10	15	20	25	30	35	40	45	50	55	60	65
x: CIE31	0.3700	0.3175	0.3097	0.3126	0.3124	0.3123	0.3124	0.3124	0.3125	0.3119	0.3129	0.3128	0.3123	0.3125
y: CIE31	0.3431	0.3347	0.3272	0.3281	0.3294	0.3280	0.3279	0.3270	0.3283	0.3278	0.3280	0.3287	0.3276	0.3279
Y	0.0010	0.3289	1.3847	3.1510	6.1549	9.9741	14.5005	20.2808	27.4439	35.5845	45.0109	55.0524	66.7301	79.4309
Target Y	0.0000	0.8148	2.0912	3.9239	6.7019	10.3793	14.6311	20.2240	26.8986	34.7074	43.6999	53.0914	64.4883	77.1976
Gamma Log/Log	1.2778	2.1579	2.1834	2.1867	2.1705	2.1778	2.1778	2.1858	2.1809	2.1832	2.1815	2.1717	2.1726	2.1794
CCT	4072.0000	6217.0000	6685.0000	6514.0000	6518.0000	6533.0000	6527.0000	6537.0000	6520.0000	6558.0000	6499.0000	6502.0000	6539.0000	6521.0000
ΔE 2000	0.0051	1.2744	1.9093	1.4422	0.7472	0.4845	0.3409	0.7107	0.4570	0.6642	0.8902	0.8314	0.9929	0.8801
ΔE ITP	4.7529	28.3151	17.0782	10.4759	4.5347	2.2703	0.6254	0.7484	1.3347	1.7430	2.0905	2.5127	2.4789	2.0995

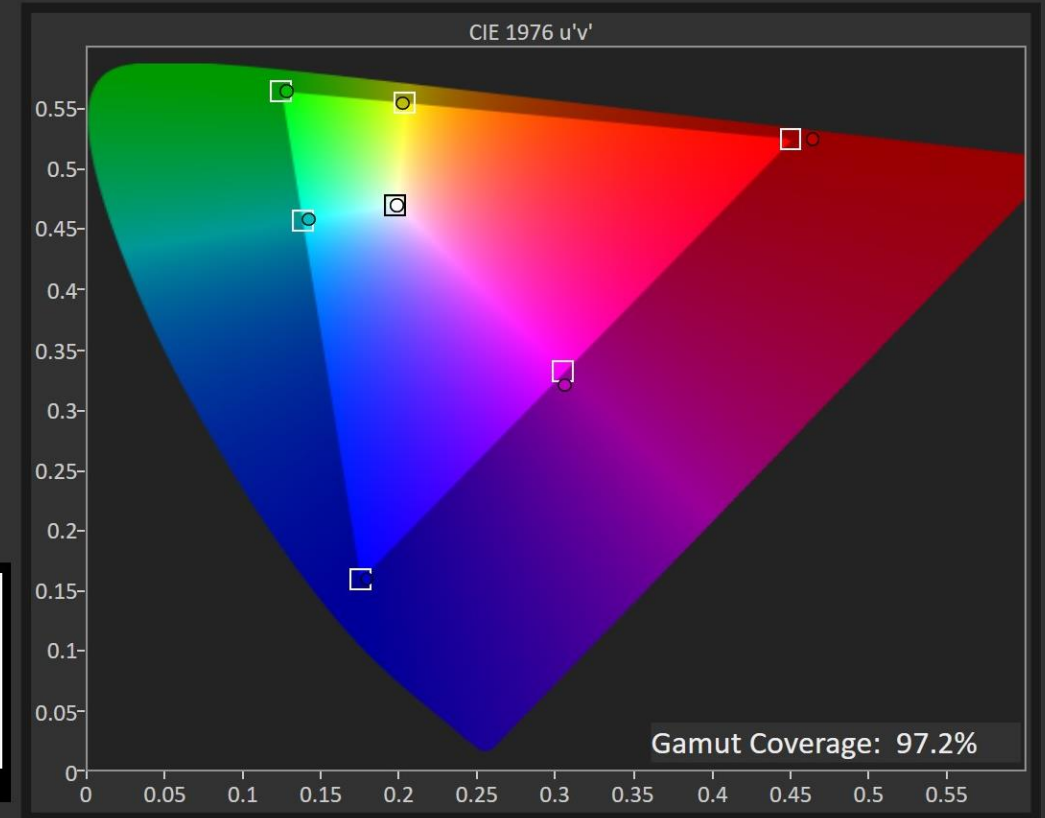
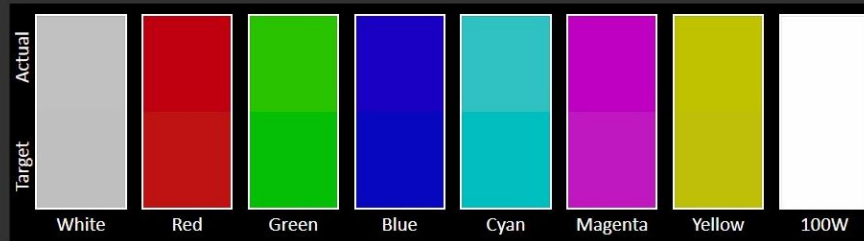
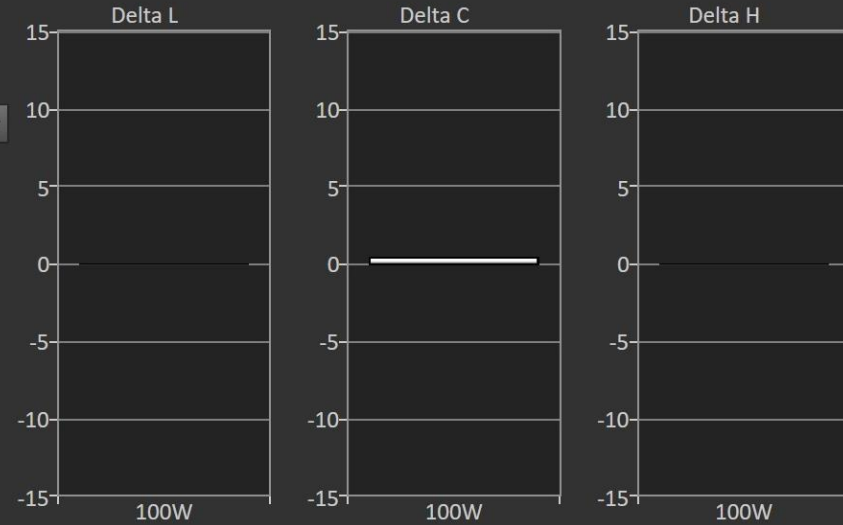
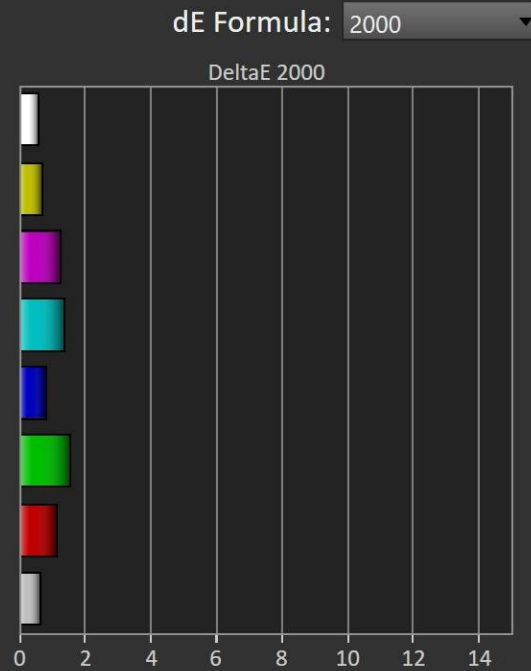
Color Space: OSD sRGB Color Space CCT corrected

ASUS ROG Swift PG32UCDM – sRGB

Portrait Display Calman Ultimate | Target: 99 %



Color Gamut

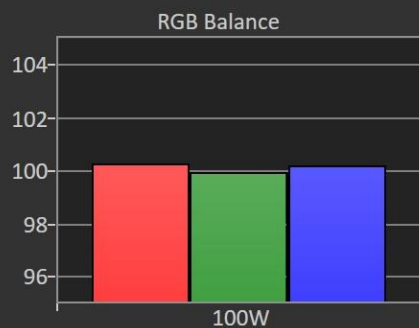


Current Reading

x: 0.3129 y: 0.3285

fL: 59.11

cd/m²: 202.53



	White	Red	Green	Blue	Cyan	Magenta	Yellow	100W
x: CIE31	0.3129	0.6494	0.3075	0.1533	0.2307	0.3160	0.4190	0.3129
y: CIE31	0.3285	0.3247	0.5958	0.0601	0.3294	0.1464	0.5076	0.3285
Y	107.8517	21.0246	79.7438	7.9222	87.4181	28.7734	100.4573	202.53
Target Y	105.5159	22.4386	75.4606	7.6167	83.0773	30.0553	97.8992	202.53
ΔE 2000	0.6469	1.1515	1.5250	0.8208	1.3864	1.2277	0.7243	0.5709
ΔE JTD	1.6216	0.9524	5.1110	7.1208	5.2822	4.0750	2.2461	0.2264

ColorChecker: OSD sRGB Color Space CCT corrected

ASUS ROG Swift PG32UCDM – sRGB

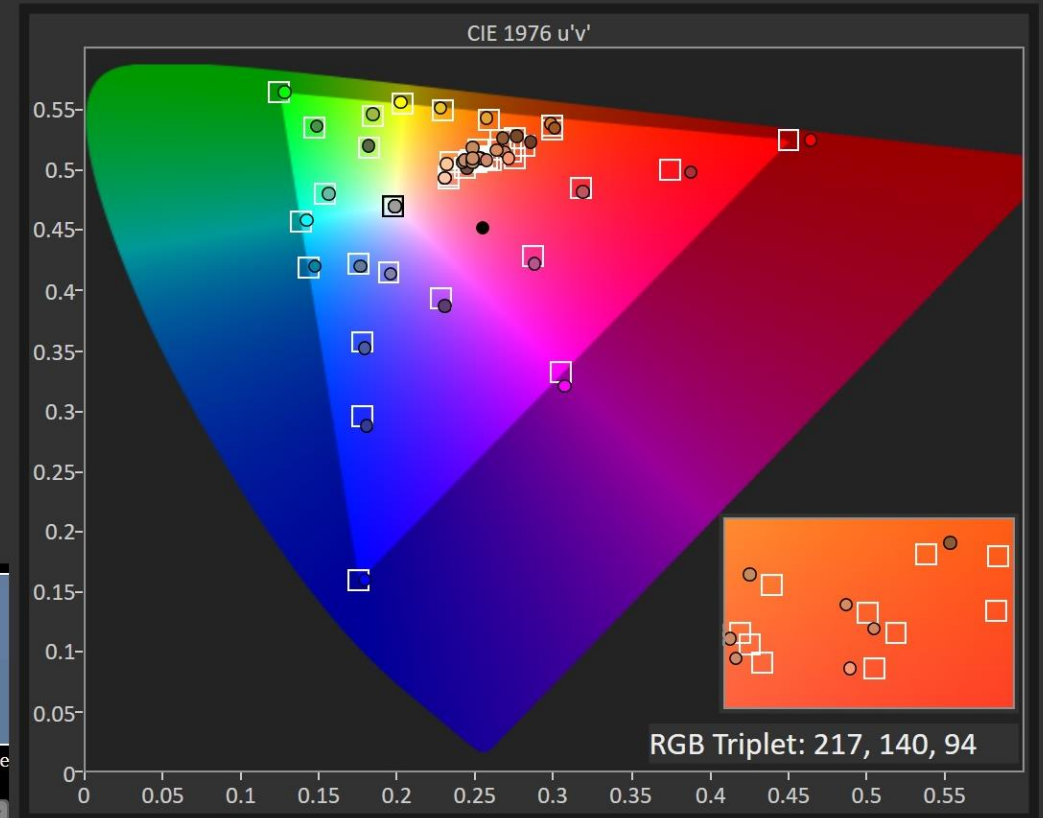
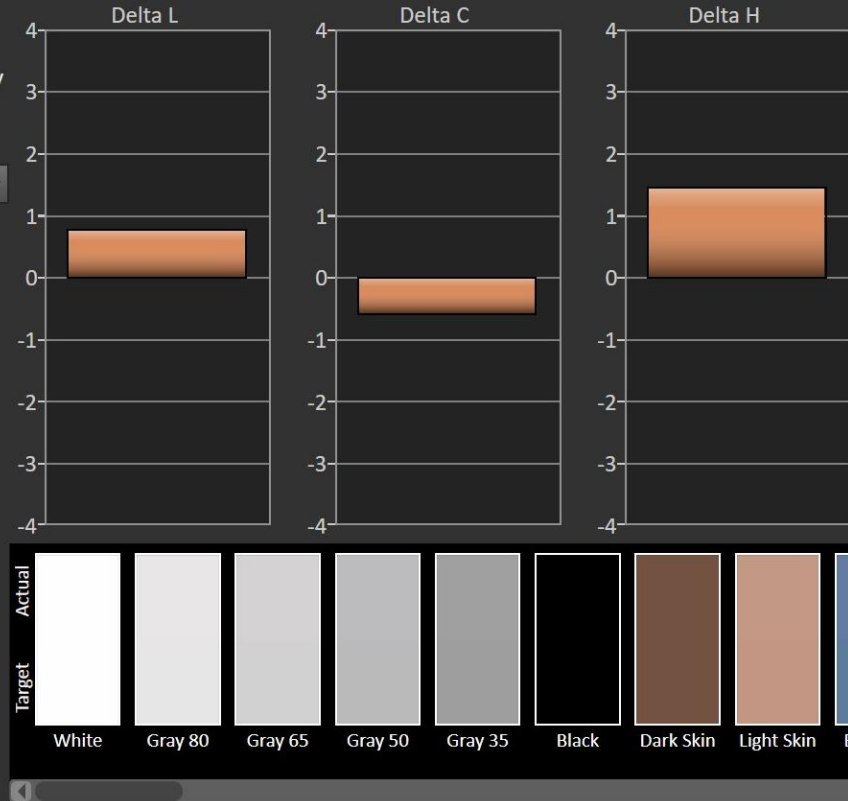
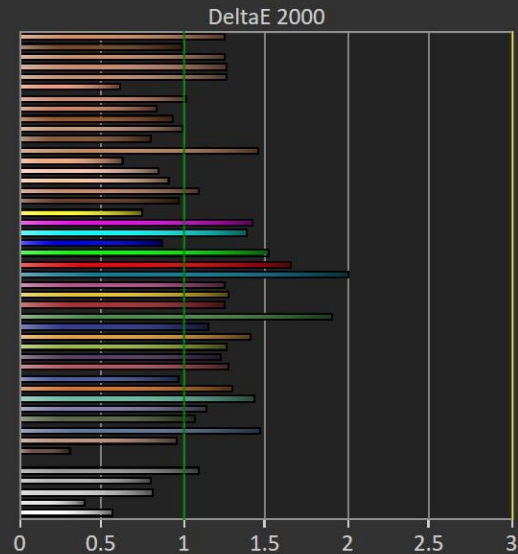
Portrait Display Calman Ultimate | Target: Avg. DeltaE < 2.5 | Max. DeltaE < 4.5



ColorChecker

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

dE Formula: 2000



Avg dE2000: 1.11

Max dE2000: 2

Current Reading

x: 0.4438 y: 0.3861

fL: 20.62

cd/m²: 70.65

	White	Gray 80	Gray 65	Gray 50	Gray 35	Black	Dark Skin	Light Skin	Blue Sky	Foliage	Blue Flower	Bluish Green	Orange	Purplish
x: CIE31	0.3128	0.3132	0.3132	0.3125	0.3124	0.3631	0.4024	0.3765	0.2502	0.3416	0.2685	0.2664	0.5146	0.2165
y: CIE31	0.3284	0.3293	0.3285	0.3280	0.3276	0.2843	0.3654	0.3561	0.2636	0.4322	0.2508	0.3607	0.4110	0.1874
Y	199.9422	160.5262	130.2540	100.5458	70.9287	0.0011	20.2350	72.1281	39.4639	27.1677	48.6731	88.7441	56.6930	24.0481
Target x:CIE31	0.3127	0.3127	0.3127	0.3127	0.3127	0.3127	0.4003	0.3795	0.2496	0.3395	0.2681	0.2626	0.5122	0.2166
Target y:CIE31	0.3290	0.3290	0.3290	0.3290	0.3290	0.3290	0.3642	0.3562	0.2656	0.4271	0.2525	0.3616	0.4063	0.1920
Target Y	199.9422	158.2139	127.4825	98.1758	68.3631	0.0000	20.1408	69.7702	37.3860	26.0574	46.6235	83.7218	56.6793	23.5010
ΔE 2000	0.5639	0.3924	0.8128	0.7957	1.0955	0.0112	0.3062	0.9631	1.4644	1.0722	1.1409	1.4279	1.2970	0.9678
ΔE ITP	0.3218	1.1087	1.6694	1.7941	2.6835	5.1788	1.0259	2.8759	3.8502	3.3113	3.2048	4.8095	3.6211	2.7986

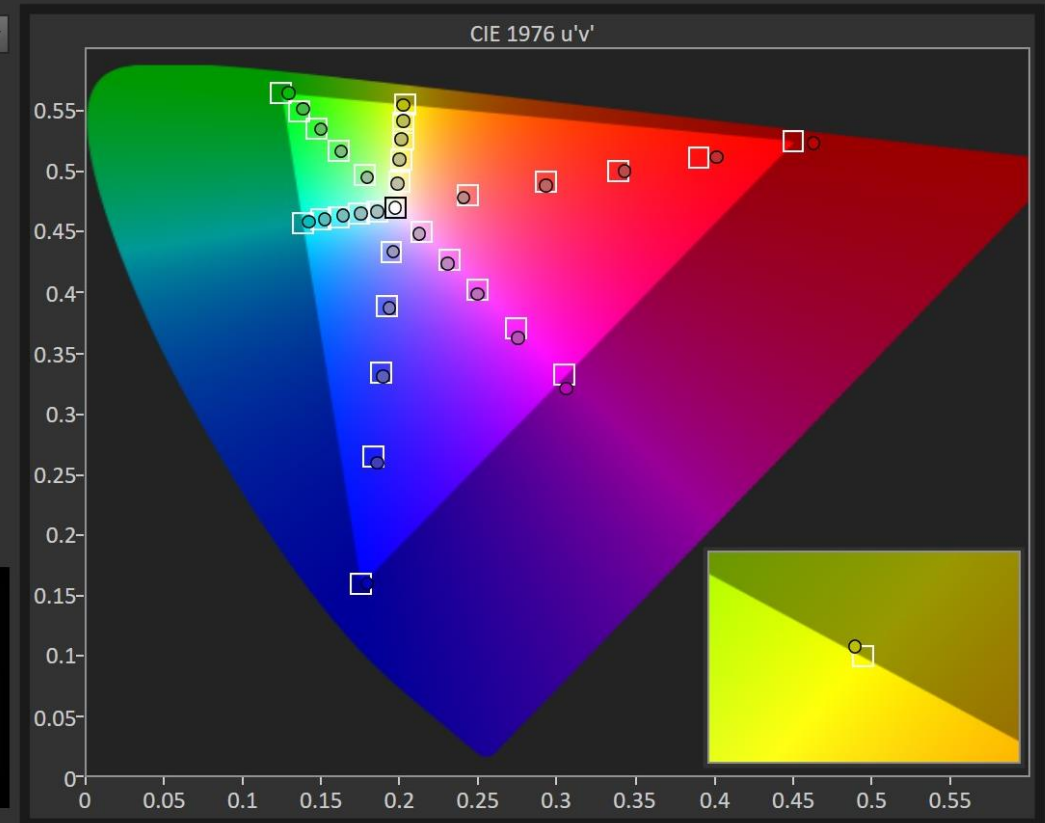
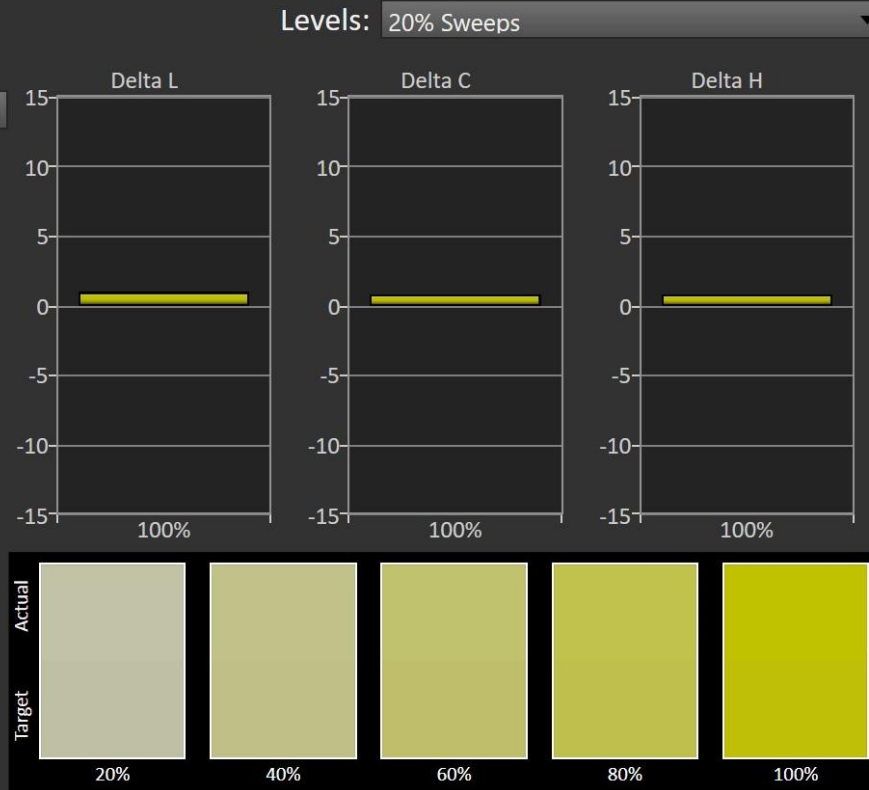
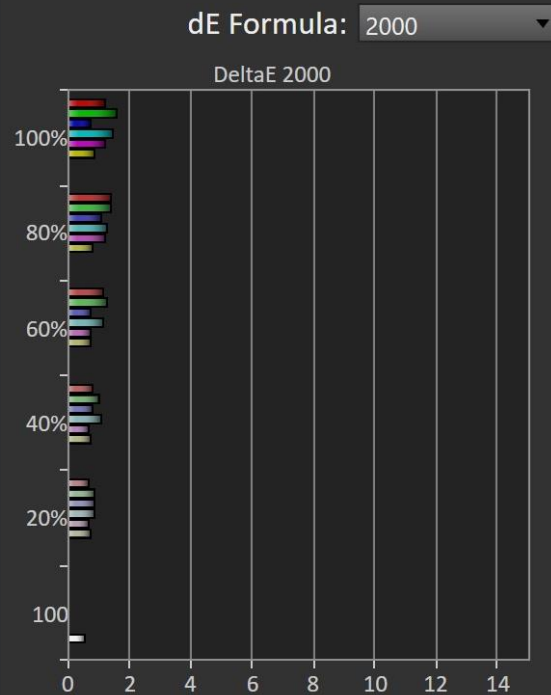
Saturation: OSD sRGB Color Space CCT corrected

ASUS ROG Swift PG32UCDM – sRGB

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



Saturation Sweeps



Avg dE2000: 0.99

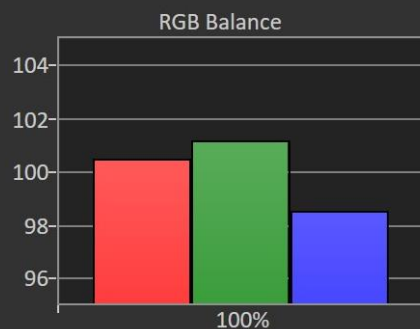
Max dE2000: 1.6

Current Reading

x: 0.4181 y: 0.5076

fL: 29.58

cd/m²: 101.34



	20%	40%	60%	80%	100%
x: CIE31	0.3331	0.3550	0.3760	0.3965	0.4181
y: CIE31	0.3637	0.4008	0.4362	0.4707	0.5076
Y	106.6850	104.7749	103.4762	102.2758	101.3389
Target x:CIE31	0.3344	0.3564	0.3773	0.3969	0.4193
Target y:CIE31	0.3648	0.4013	0.4358	0.4682	0.5053
Target Y	103.6263	101.8073	100.4097	99.3129	98.2525
ΔE 2000	0.7280	0.7254	0.7821	0.8390	0.8701
ΔE ITP	2.2251	2.1899	2.2720	2.4748	2.6019