



ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

Grayscale Performance

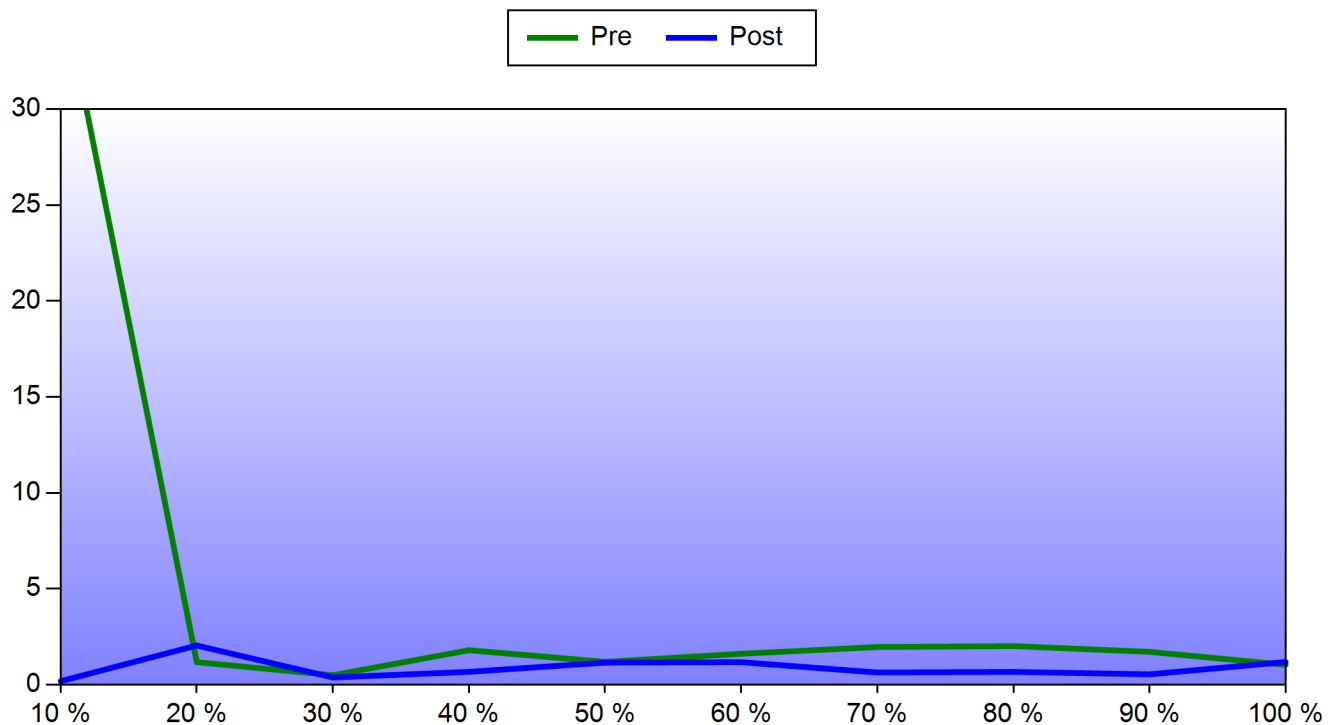
Grayscale Before

% Stimulus	x	y	CCT	dE
10 %	0.340	0.291	5,027	36.8
20 %	0.313	0.327	6,520	1.2
30 %	0.312	0.329	6,565	0.5
40 %	0.310	0.330	6,642	1.8
50 %	0.310	0.327	6,651	1.2
60 %	0.311	0.326	6,635	1.6
70 %	0.312	0.326	6,580	2.0
80 %	0.313	0.326	6,501	2.0
90 %	0.315	0.328	6,416	1.7
100 %	0.314	0.328	6,443	1.0
Average				5.0

Grayscale After

% Stimulus	x	y	CCT	dE
10 %	0.313	0.329	6,489	0.2
20 %	0.311	0.331	6,565	2.0
30 %	0.312	0.329	6,530	0.4
40 %	0.312	0.329	6,569	0.7
50 %	0.311	0.329	6,605	1.1
60 %	0.311	0.327	6,637	1.2
70 %	0.312	0.329	6,554	0.6
80 %	0.314	0.330	6,435	0.7
90 %	0.314	0.329	6,447	0.5
100 %	0.314	0.328	6,437	1.2
Average				0.9

Grayscale dE



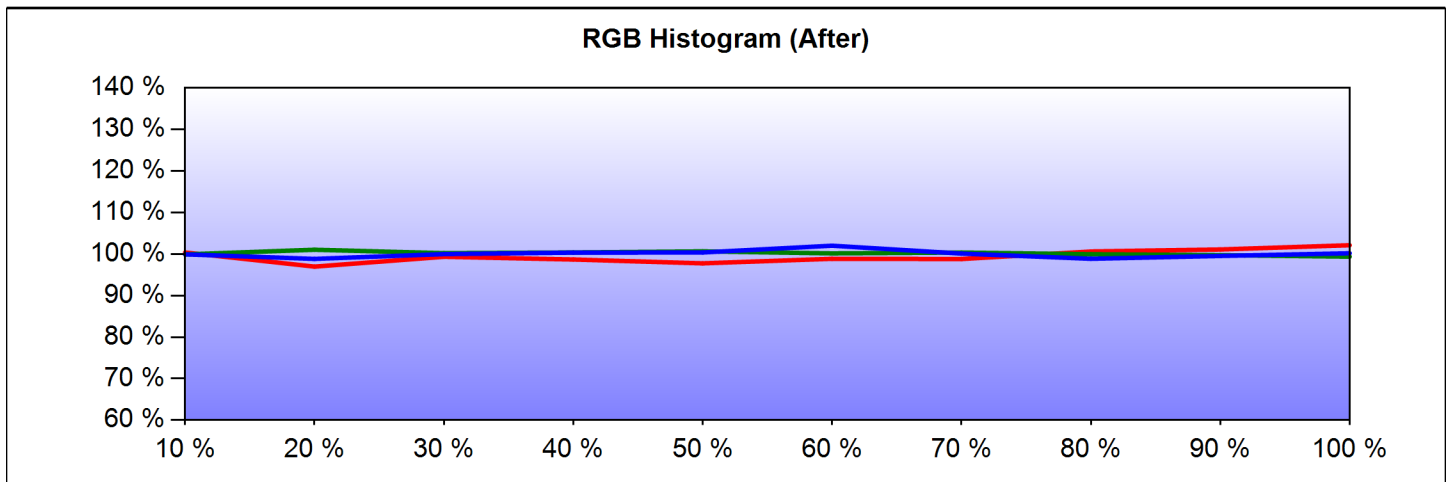
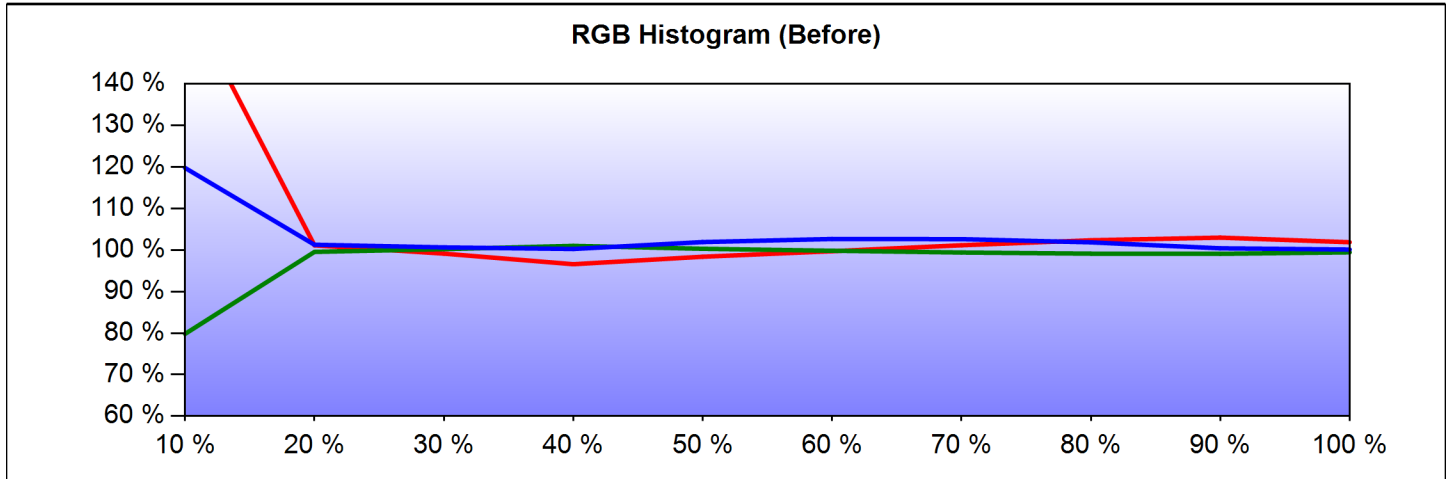


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RGB Histogram Chart

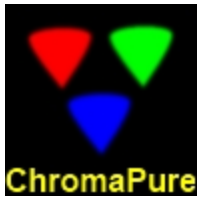


RGB Before

% Stimulus	Red	Green	Blue
10 %	161.3 %	79.8 %	119.8 %
20 %	101.1 %	99.5 %	101.3 %
30 %	99.1 %	100.2 %	100.6 %
40 %	96.6 %	101.0 %	100.3 %
50 %	98.4 %	100.3 %	101.9 %
60 %	99.7 %	99.8 %	102.7 %
70 %	101.1 %	99.4 %	102.6 %
80 %	102.4 %	99.1 %	101.8 %
90 %	103.0 %	99.1 %	100.4 %
100 %	101.9 %	99.4 %	100.1 %
Average	106.5 %	97.8 %	103.1 %

RGB After

% Stimulus	Red	Green	Blue
10 %	100.4 %	99.9 %	99.9 %
20 %	97.0 %	101.0 %	98.8 %
30 %	99.3 %	100.2 %	100.0 %
40 %	98.7 %	100.4 %	100.3 %
50 %	97.8 %	100.6 %	100.4 %
60 %	98.8 %	100.2 %	102.0 %
70 %	98.8 %	100.4 %	100.1 %
80 %	100.6 %	99.9 %	98.9 %
90 %	101.1 %	99.7 %	99.5 %
100 %	102.1 %	99.4 %	100.2 %
Average	99.5 %	100.2 %	100.0 %

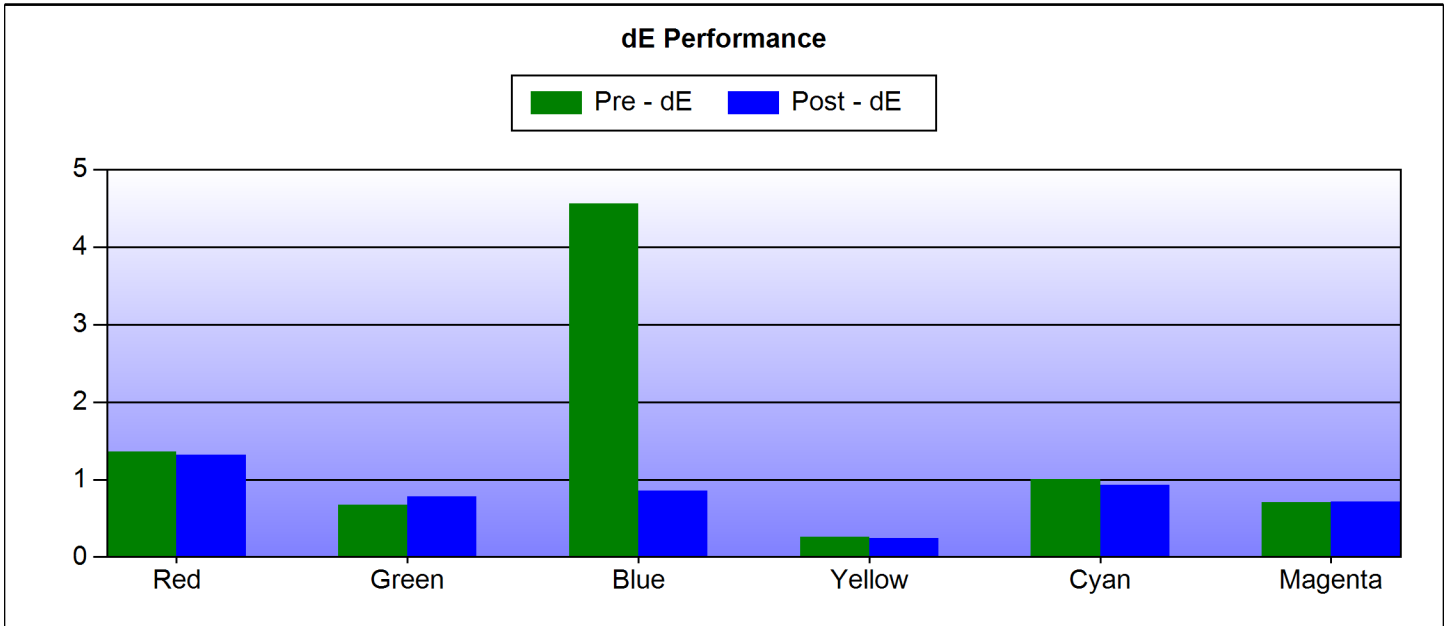


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Chromaticity Performance



Reference

Color	x	y	Y
Red	0.6400	0.3300	0.2126
Green	0.3000	0.6000	0.7151
Blue	0.1500	0.0600	0.0722
Yellow	0.4193	0.5053	0.9278
Cyan	0.2246	0.3287	0.7873
Magenta	0.3209	0.1542	0.2849
White	0.3127	0.3290	1.0000

Before Calibration

Color	x	y	Y	dE
Red	0.647	0.330	0.206	1.4
Green	0.304	0.600	0.713	0.7
Blue	0.152	0.050	0.057	4.6
Yellow	0.418	0.505	0.928	0.3
Cyan	0.229	0.329	0.776	1.0
Magenta	0.323	0.153	0.278	0.7
White	0.314	0.328	39.916	1.0
Average				1.4

After Calibration

Color	x	y	Y	dE
Red	0.647	0.330	0.205	1.3
Green	0.304	0.601	0.714	0.8
Blue	0.155	0.062	0.075	0.9
Yellow	0.418	0.505	0.930	0.2
Cyan	0.228	0.328	0.778	0.9
Magenta	0.323	0.153	0.278	0.7
White	0.314	0.328	39.698	1.2
Average				0.9

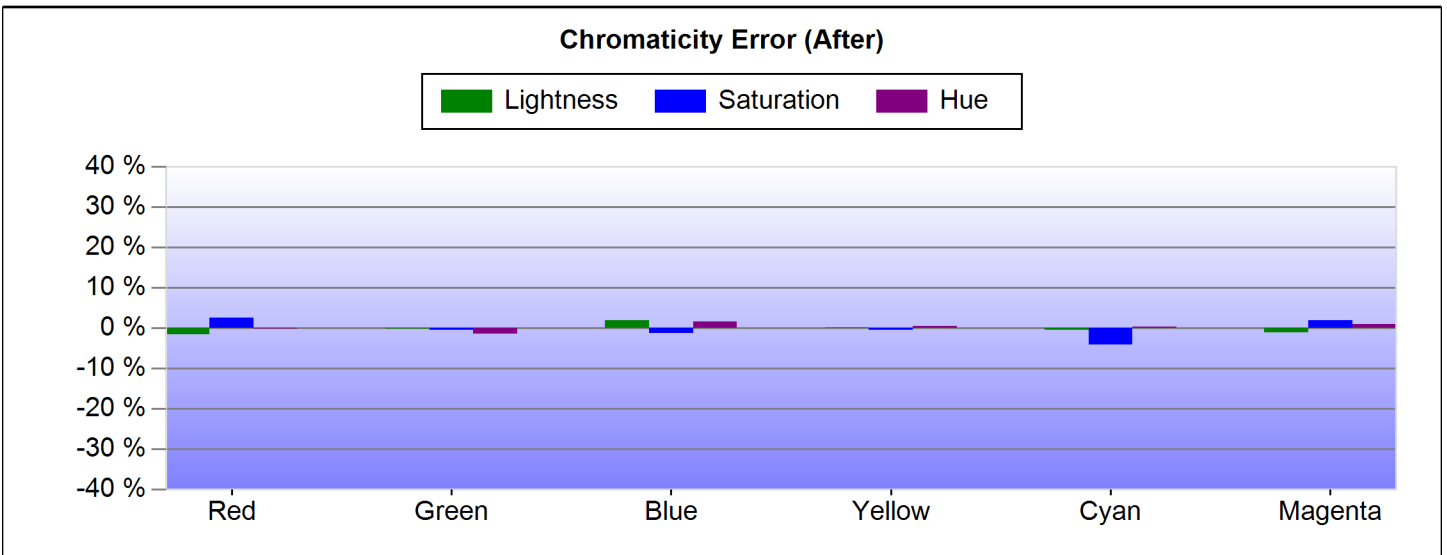
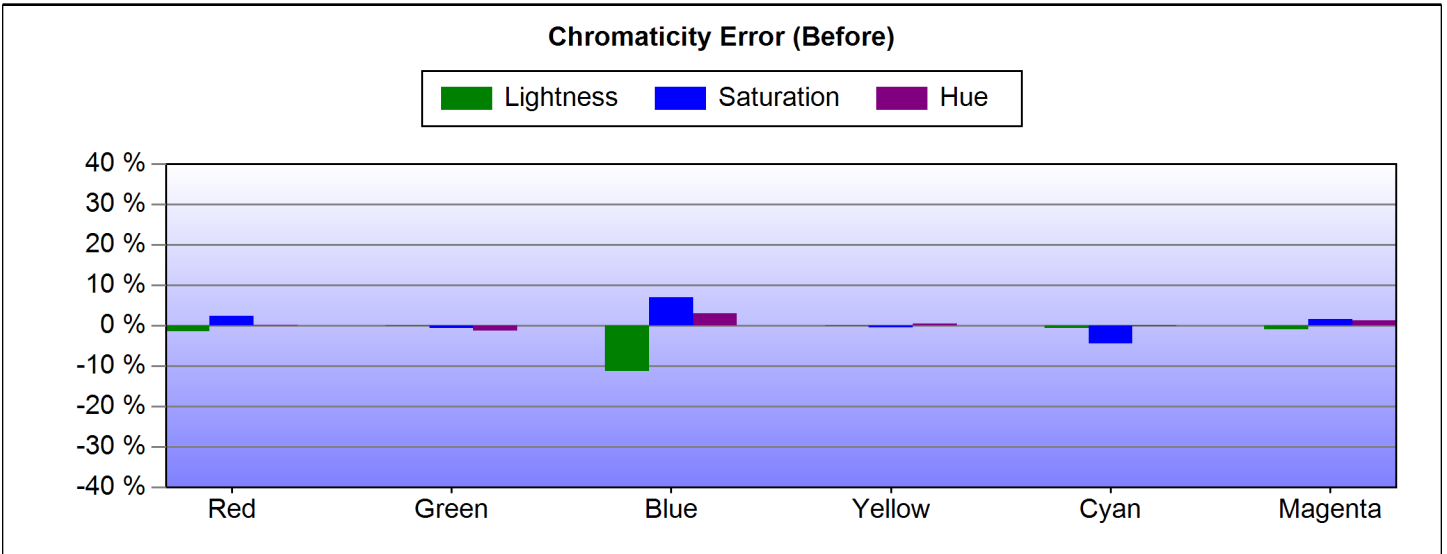


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Lightness, Saturation, and Hue Error



Before Calibration

Color	Lightness	Saturation	Hue
Red	-1.5 %	2.4 %	0.0 %
Green	-0.1 %	-0.7 %	-1.3 %
Blue	-11.3 %	6.9 %	3.0 %
Yellow	0.0 %	-0.5 %	0.5 %
Cyan	-0.6 %	-4.4 %	-0.1 %
Magenta	-1.0 %	1.6 %	1.3 %

After Calibration

Color	Lightness	Saturation	Hue
Red	-1.6 %	2.5 %	-0.1 %
Green	-0.1 %	-0.5 %	-1.4 %
Blue	2.0 %	-1.3 %	1.5 %
Yellow	0.1 %	-0.4 %	0.5 %
Cyan	-0.5 %	-4.1 %	0.3 %
Magenta	-1.1 %	1.9 %	0.9 %



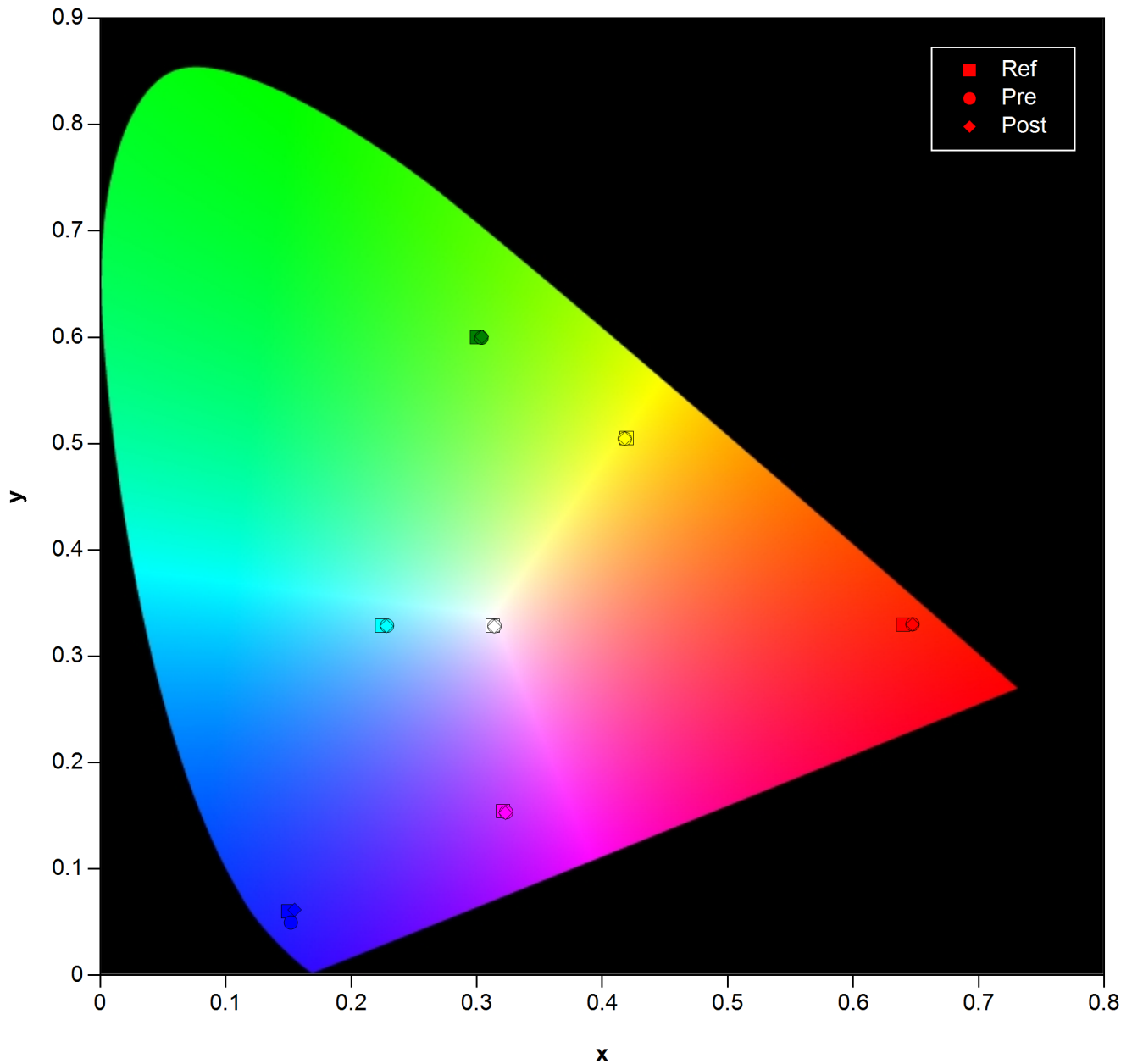
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CIE Chart

Primary/Secondary Chromaticity 1931



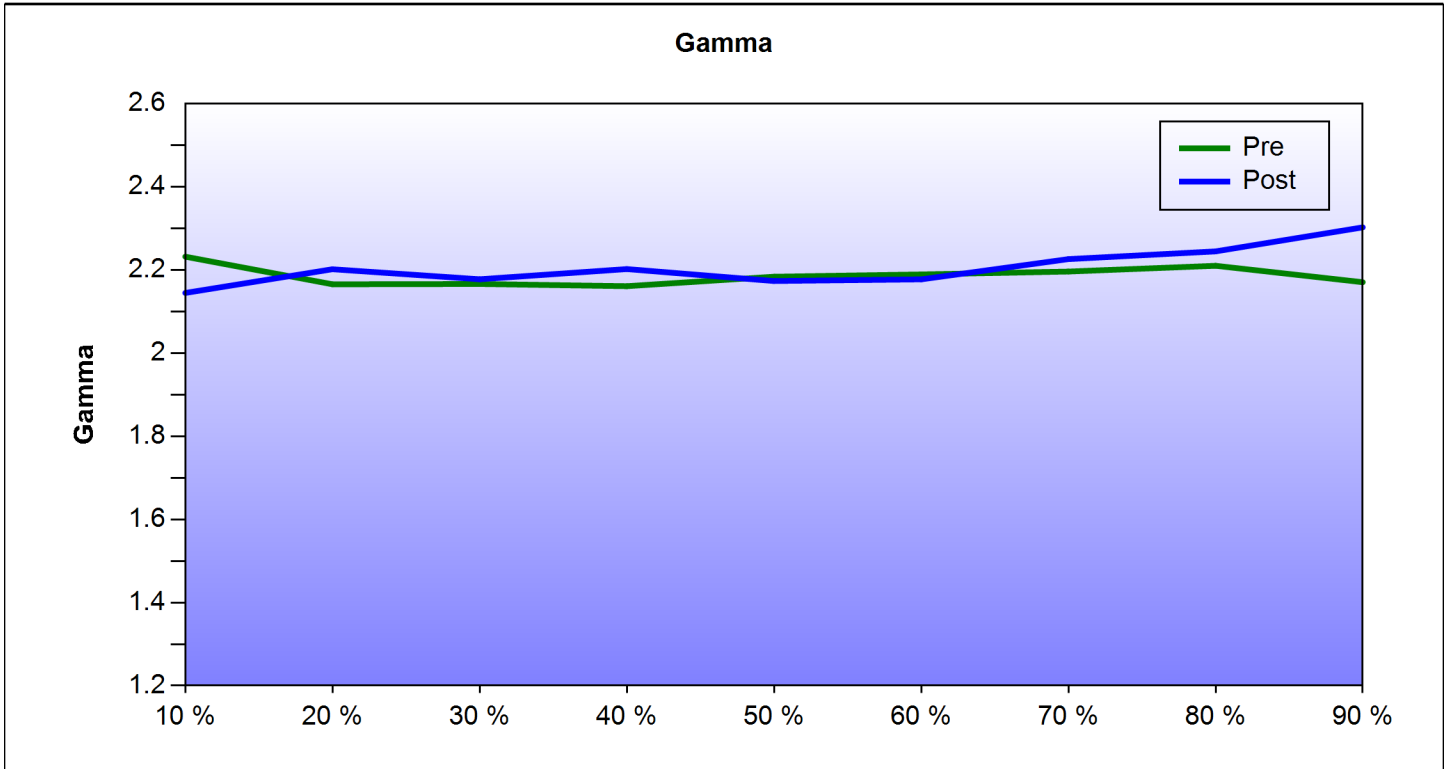


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Gamma



Y

Input	Pre	Post
10 %	0.23	0.28
20 %	1.22	1.15
30 %	2.94	2.88
40 %	5.52	5.27
50 %	8.79	8.79
60 %	13.06	13.04
70 %	18.25	17.93
80 %	24.40	24.03
90 %	31.79	31.12
100 %	39.95	39.66

Gamma

Input	Pre	Post
10 %	2.23	2.14
20 %	2.17	2.20
30 %	2.17	2.18
40 %	2.16	2.20
50 %	2.18	2.17
60 %	2.19	2.18
70 %	2.20	2.23
80 %	2.21	2.24
90 %	2.17	2.30
100 %	0.00	0.00