



ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

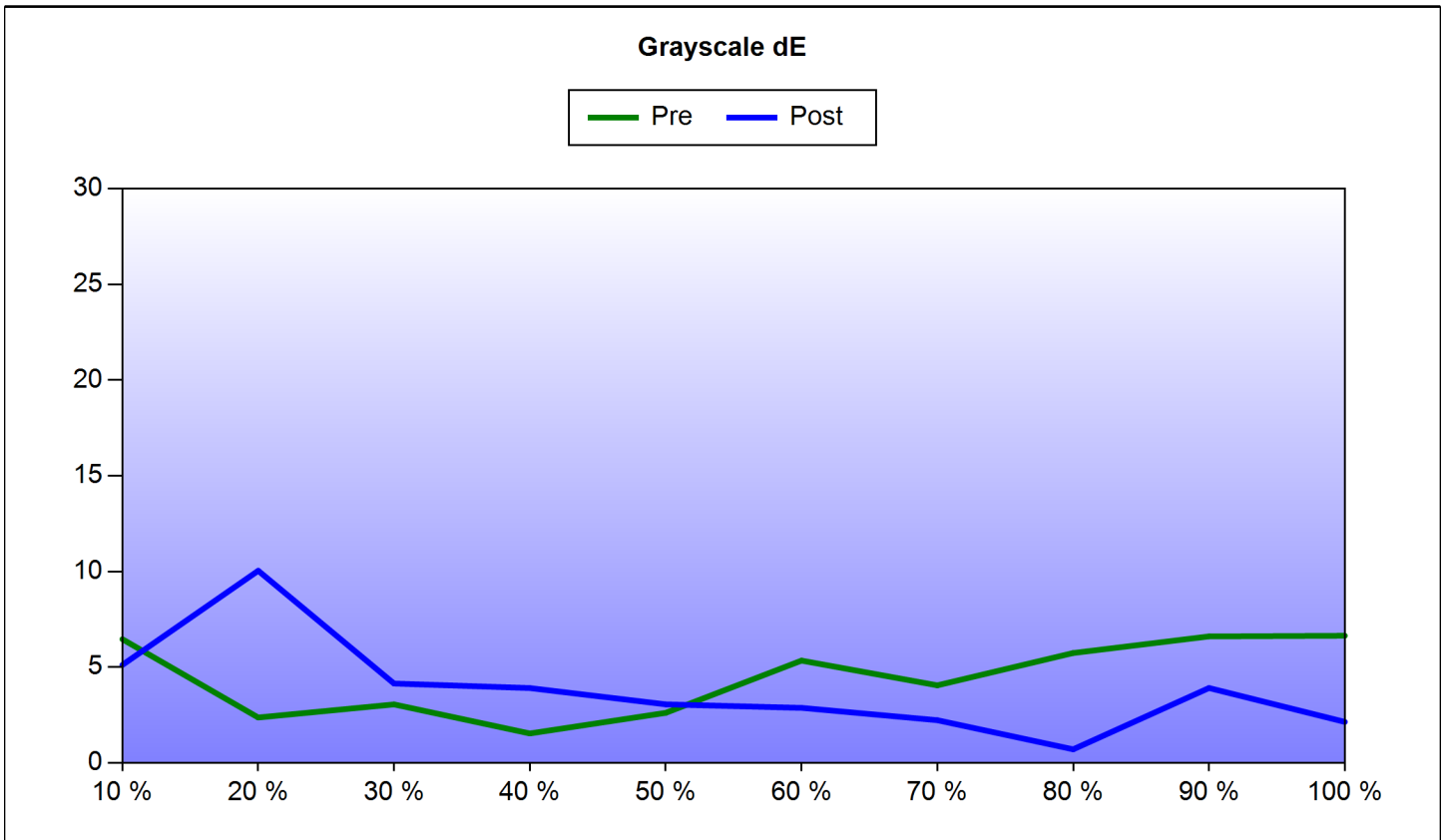
Grayscale Performance

Grayscale Before

% Stimulus	x	y	CCT	dE
10 %	0.323	0.341	5,933	6.5
20 %	0.313	0.325	6,513	2.4
30 %	0.316	0.327	6,326	3.1
40 %	0.316	0.330	6,323	1.5
50 %	0.318	0.330	6,211	2.6
60 %	0.324	0.336	5,896	5.3
70 %	0.321	0.333	6,035	4.0
80 %	0.325	0.337	5,866	5.7
90 %	0.326	0.338	5,777	6.6
100 %	0.327	0.338	5,769	6.6
Average				4.4

Grayscale After

% Stimulus	x	y	CCT	dE
10 %	0.320	0.326	6,149	5.1
20 %	0.310	0.344	6,554	10.0
30 %	0.310	0.334	6,618	4.1
40 %	0.313	0.335	6,471	3.9
50 %	0.312	0.334	6,494	3.1
60 %	0.314	0.334	6,420	2.9
70 %	0.314	0.333	6,423	2.2
80 %	0.312	0.329	6,562	0.7
90 %	0.317	0.336	6,225	3.9
100 %	0.316	0.333	6,305	2.1
Average				3.8



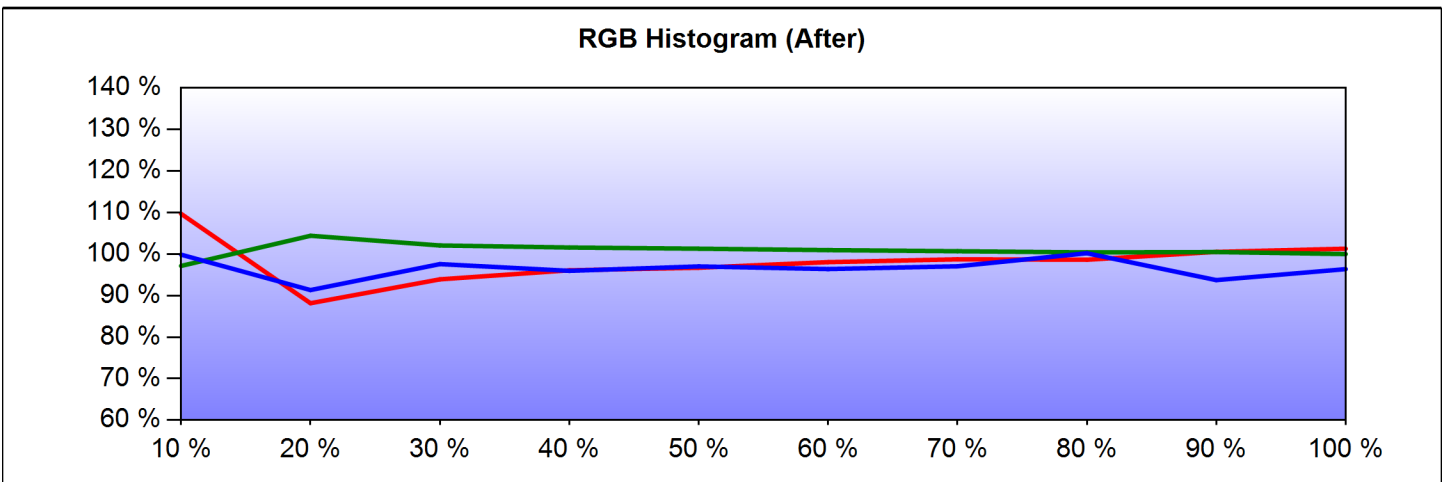
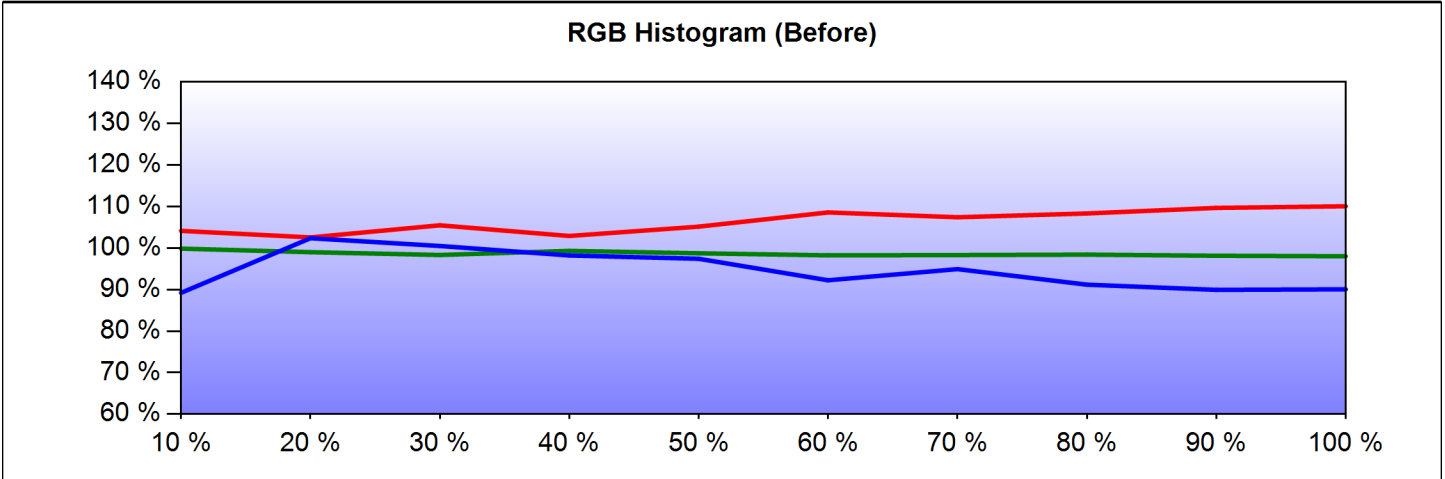


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RGB Histogram Chart



RGB Before

% Stimulus	Red	Green	Blue
10 %	104.1 %	99.9 %	89.2 %
20 %	102.6 %	99.0 %	102.4 %
30 %	105.5 %	98.3 %	100.5 %
40 %	102.9 %	99.3 %	98.2 %
50 %	105.1 %	98.7 %	97.4 %
60 %	108.6 %	98.2 %	92.2 %
70 %	107.4 %	98.3 %	94.9 %
80 %	108.3 %	98.4 %	91.2 %
90 %	109.7 %	98.1 %	89.9 %
100 %	110.1 %	98.0 %	90.1 %
Average	106.4 %	98.6 %	94.6 %

RGB After

% Stimulus	Red	Green	Blue
10 %	109.7 %	97.1 %	99.8 %
20 %	88.2 %	104.4 %	91.3 %
30 %	93.9 %	102.1 %	97.6 %
40 %	96.1 %	101.6 %	96.0 %
50 %	96.7 %	101.3 %	97.0 %
60 %	98.0 %	100.9 %	96.4 %
70 %	98.7 %	100.7 %	97.0 %
80 %	98.6 %	100.4 %	100.2 %
90 %	100.5 %	100.5 %	93.7 %
100 %	101.3 %	100.0 %	96.4 %
Average	98.2 %	100.9 %	96.5 %

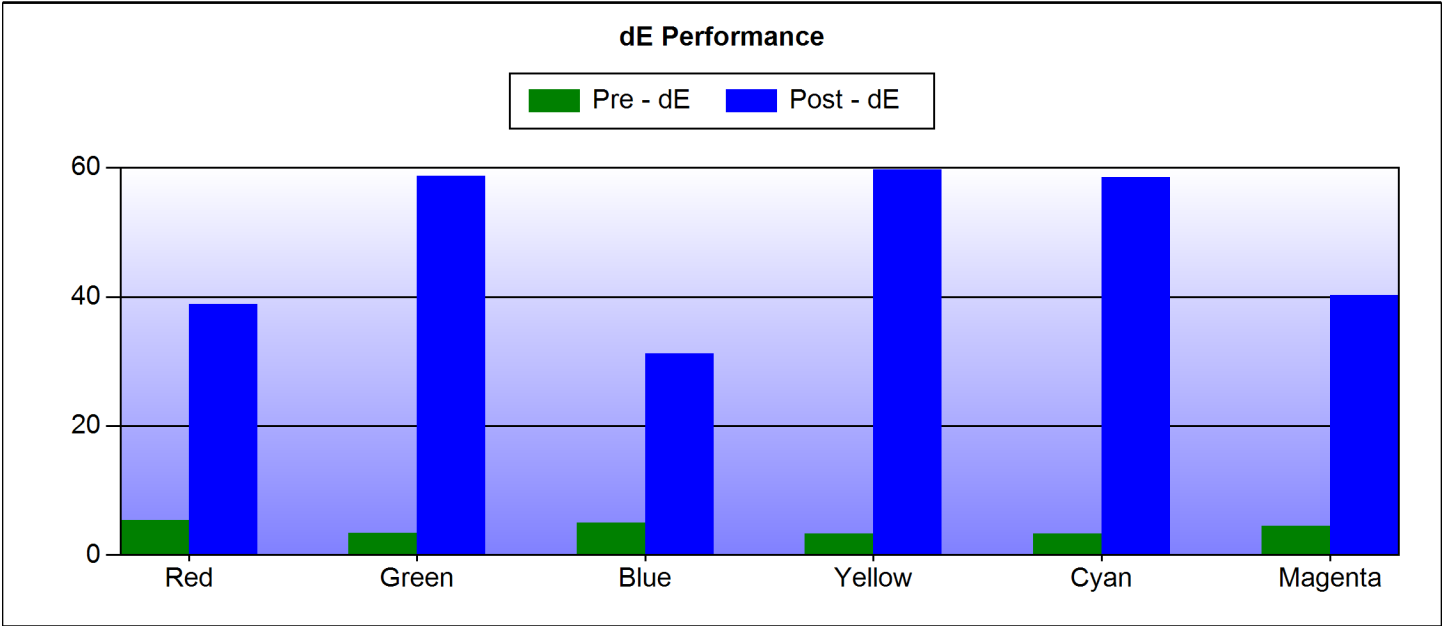


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Chromaticity Performance



Reference

Color	x	y	Y
Red	0.6400	0.3300	0.2127
Green	0.3000	0.6000	0.7152
Blue	0.1500	0.0600	0.0722
Yellow	0.4193	0.5053	0.9278
Cyan	0.2247	0.3288	0.7873
Magenta	0.3209	0.1542	0.2848
White	0.3127	0.3290	1.0000

Before Calibration

Color	x	y	Y	dE
Red	0.630	0.333	0.266	5.4
Green	0.312	0.584	0.777	3.4
Blue	0.150	0.072	0.092	5.0
Yellow	0.430	0.493	0.958	3.3
Cyan	0.234	0.340	0.828	3.3
Magenta	0.339	0.171	0.329	4.5
White	0.326	0.336	72.235	6.5
Average				4.5

After Calibration

Color	x	y	Y	dE
Red	0.645	0.331	0.793	38.8
Green	0.317	0.582	2.725	58.7
Blue	0.151	0.070	0.315	31.2
Yellow	0.424	0.504	3.287	59.7
Cyan	0.235	0.331	2.903	58.5
Magenta	0.311	0.152	1.000	40.2
White	0.315	0.154	29.422	172.4
Average				65.7

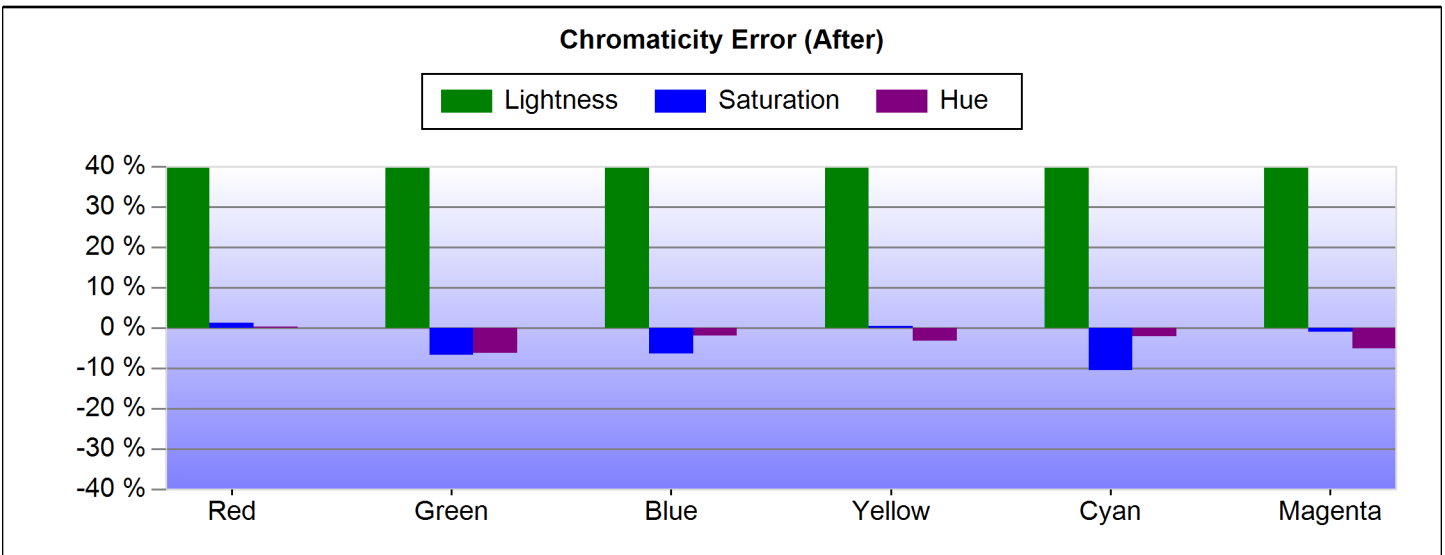
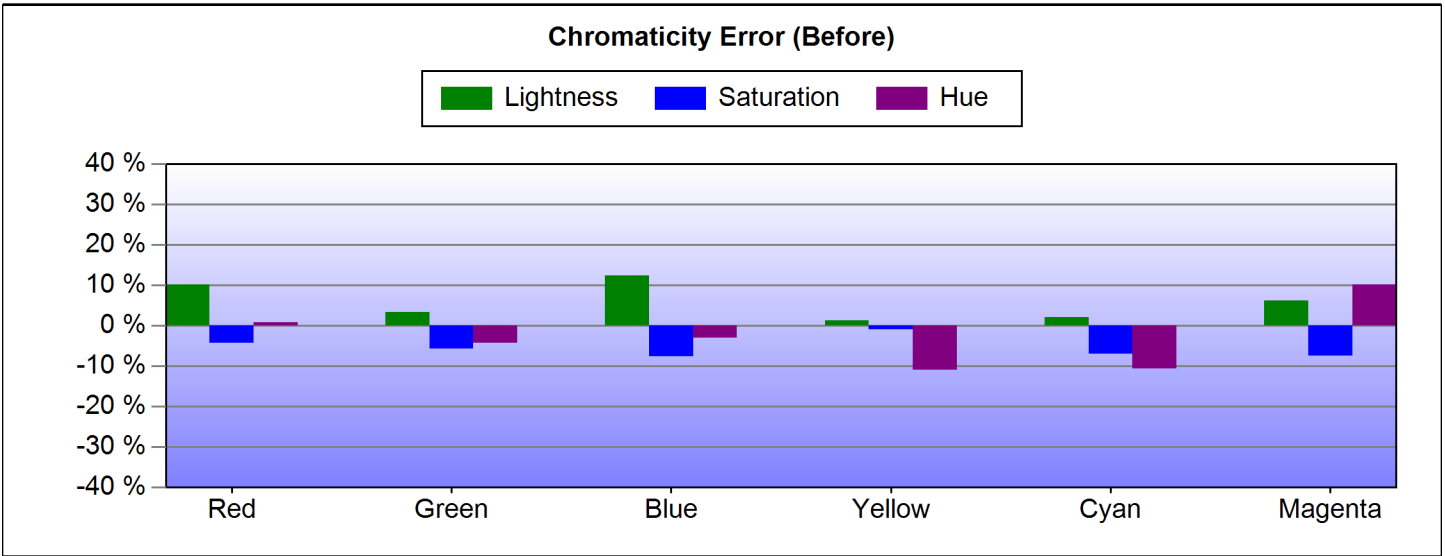


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Lightness, Saturation, and Hue Error



Before Calibration

Color	Lightness	Saturation	Hue
Red	10.1 %	-4.3 %	0.7 %
Green	3.3 %	-5.7 %	-4.3 %
Blue	12.4 %	-7.7 %	-3.0 %
Yellow	1.2 %	-0.9 %	-11.0 %
Cyan	2.0 %	-6.9 %	-10.6 %
Magenta	6.2 %	-7.4 %	10.2 %

After Calibration

Color	Lightness	Saturation	Hue
Red	71.6 %	1.3 %	0.3 %
Green	66.4 %	-6.7 %	-6.1 %
Blue	94.7 %	-6.3 %	-1.9 %
Yellow	61.1 %	0.4 %	-3.2 %
Cyan	64.0 %	-10.4 %	-2.1 %
Magenta	65.8 %	-1.0 %	-5.1 %

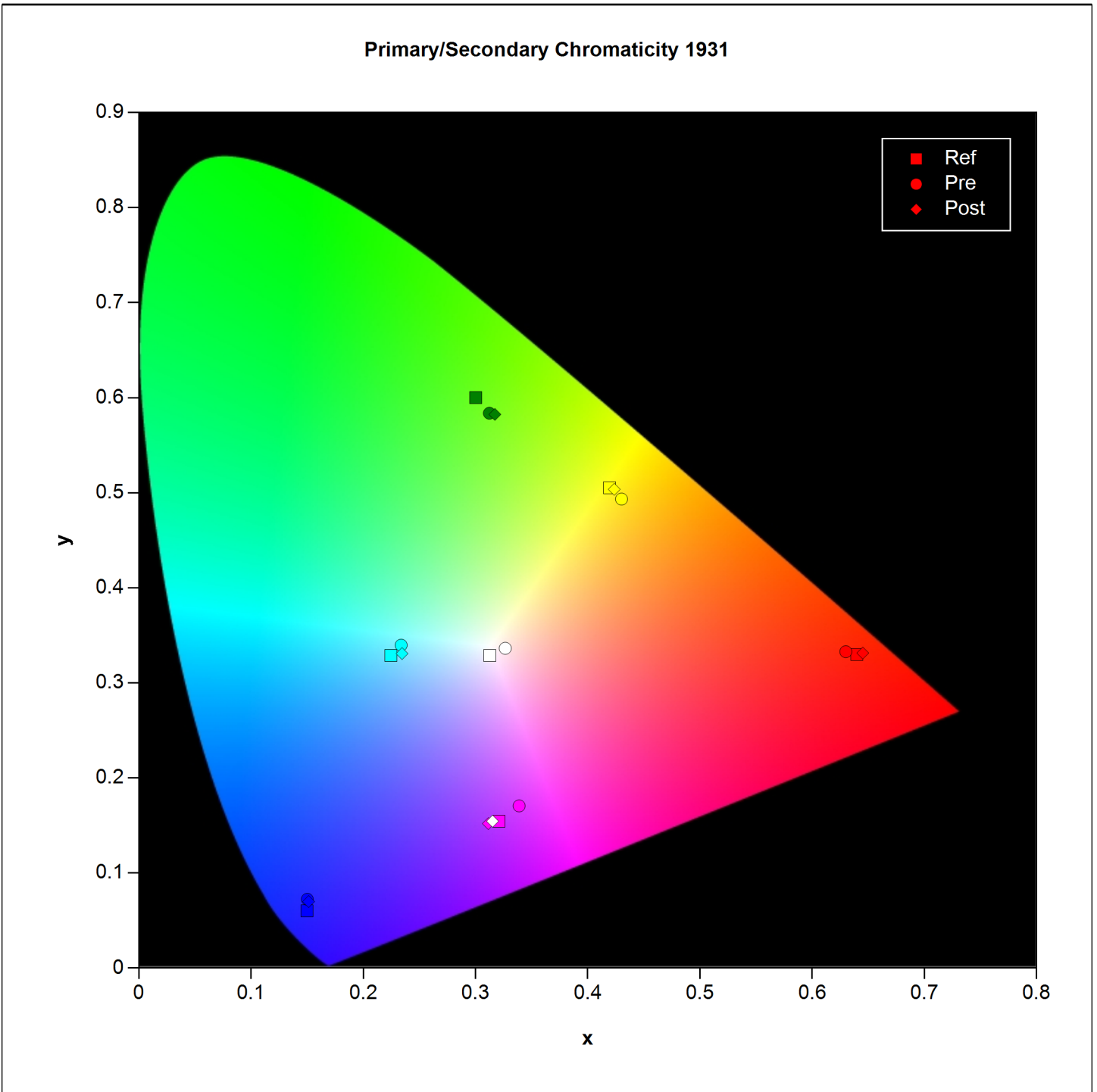


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CIE Chart



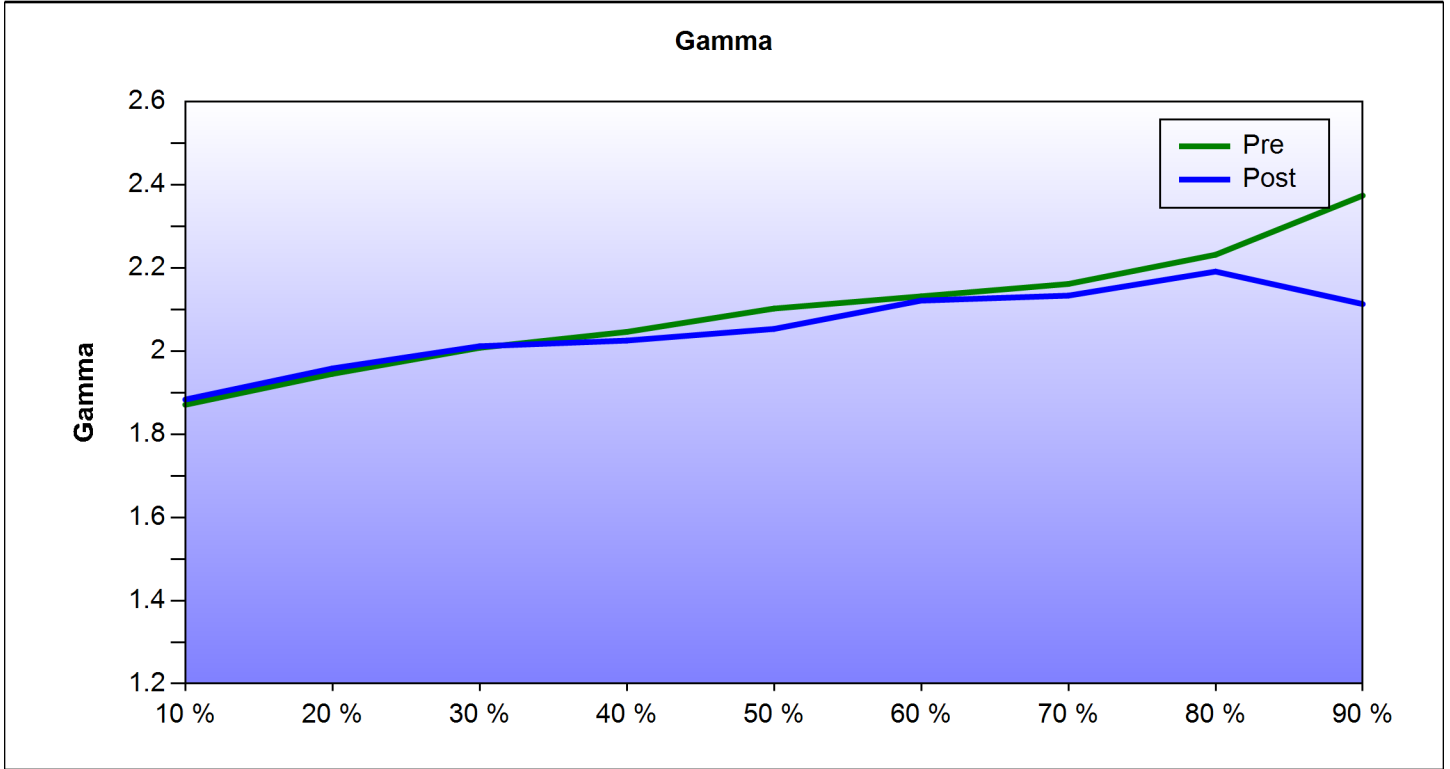


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Gamma



Y

Input	Pre	Post
0 %	0.02	0.03
10 %	0.98	1.47
20 %	3.17	4.82
30 %	6.46	10.00
40 %	11.12	17.61
50 %	16.88	27.14
60 %	24.40	38.12
70 %	33.53	52.64
80 %	44.05	69.09
90 %	56.44	90.18
100 %	72.49	112.67

Gamma

Input	Pre	Post
0 %	0.00	0.00
10 %	1.87	1.88
20 %	1.95	1.96
30 %	2.01	2.01
40 %	2.05	2.03
50 %	2.10	2.05
60 %	2.13	2.12
70 %	2.16	2.13
80 %	2.23	2.19
90 %	2.37	2.11
100 %	0.00	0.00

Original Contrast: 3121 New Contrast: 3666