



ChromaPure Detailed Calibration Report

Technician: Ricky Jennings

Company: Kalibrate Limited

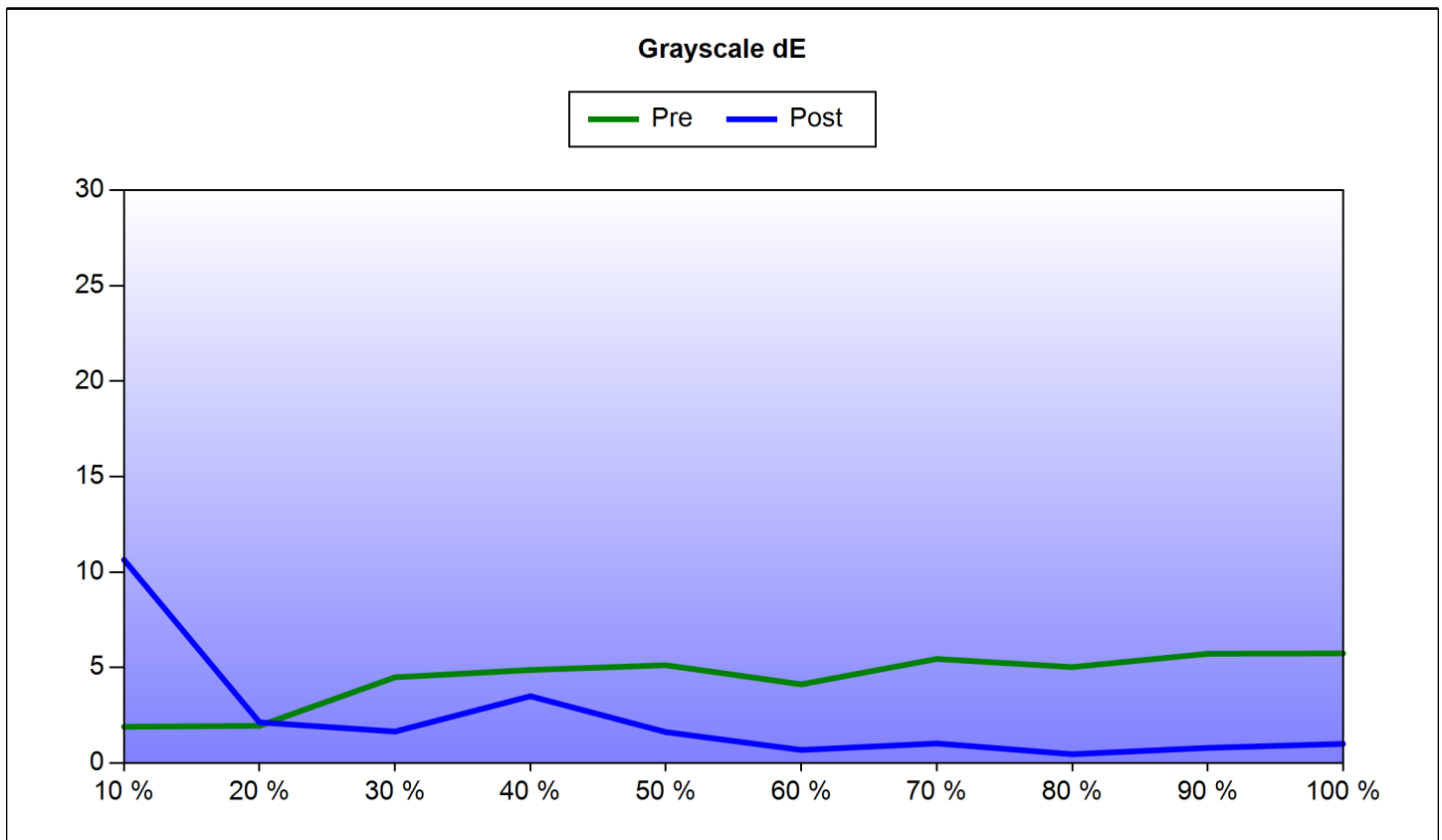
Grayscale Performance

Grayscale Before

% Stimulus	x	y	CCT	dE
10 %	0.314	0.333	6,396	1.9
20 %	0.312	0.331	6,546	1.9
30 %	0.313	0.322	6,555	4.5
40 %	0.311	0.321	6,657	4.9
50 %	0.311	0.320	6,656	5.1
60 %	0.313	0.323	6,566	4.1
70 %	0.315	0.322	6,459	5.4
80 %	0.314	0.322	6,456	5.0
90 %	0.314	0.321	6,475	5.7
100 %	0.316	0.322	6,364	5.7
Average				4.4

Grayscale After

% Stimulus	x	y	CCT	dE
10 %	0.314	0.347	6,329	10.6
20 %	0.308	0.327	6,763	2.1
30 %	0.311	0.330	6,591	1.6
40 %	0.310	0.333	6,608	3.5
50 %	0.310	0.326	6,654	1.6
60 %	0.311	0.328	6,588	0.7
70 %	0.311	0.329	6,589	1.0
80 %	0.313	0.330	6,509	0.5
90 %	0.312	0.328	6,544	0.8
100 %	0.314	0.329	6,421	1.0
Average				2.3



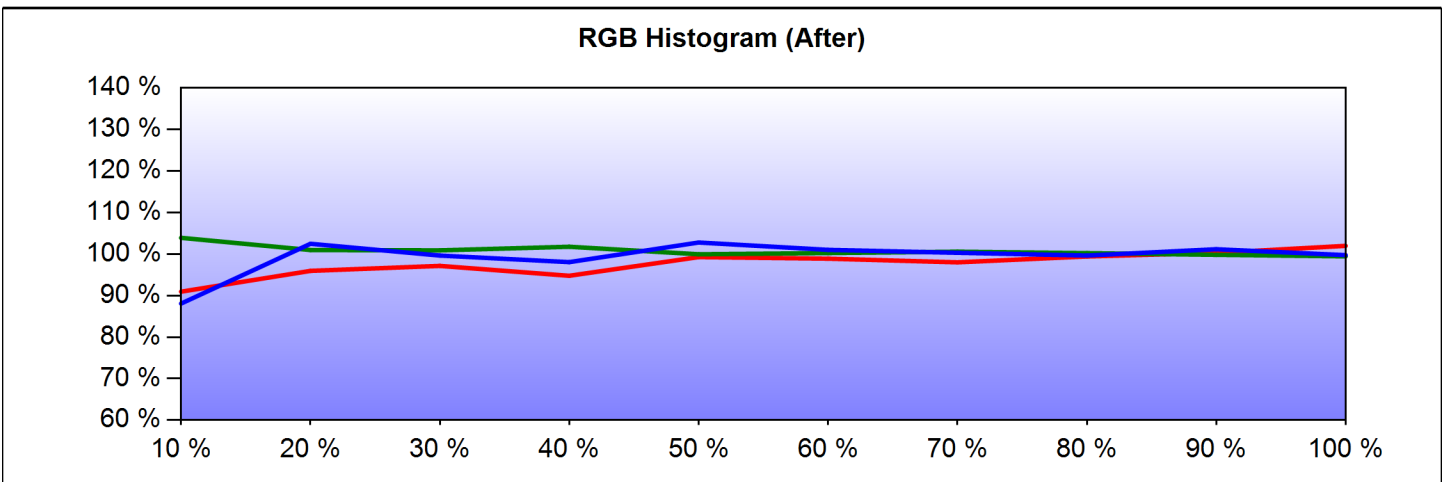
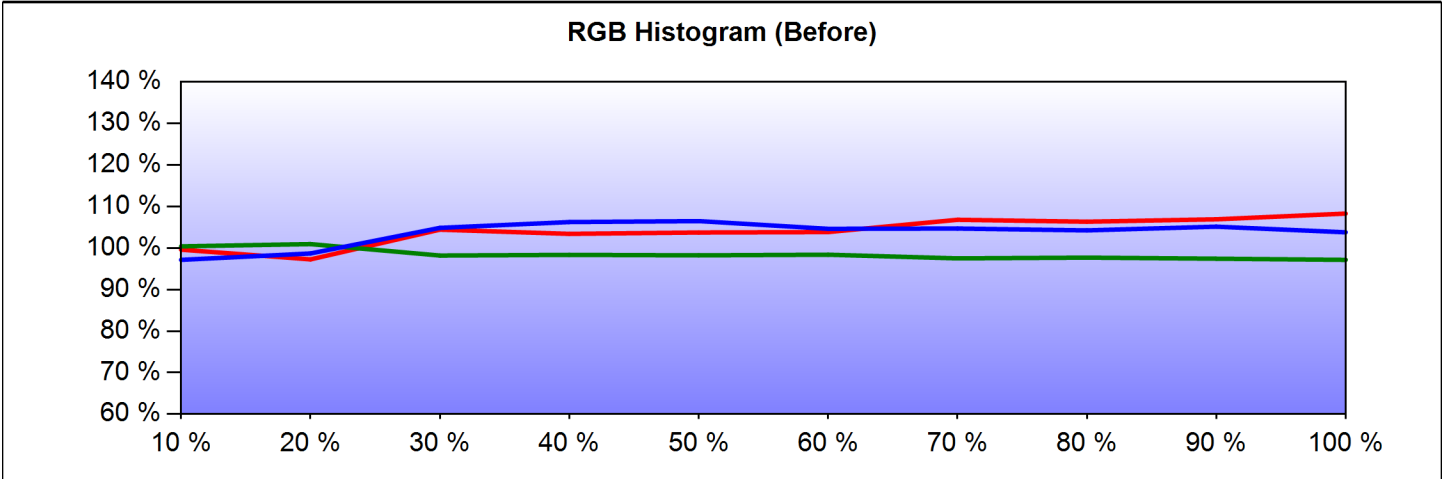


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RGB Histogram Chart



RGB Before

% Stimulus	Red	Green	Blue
10 %	99.6 %	100.4 %	97.1 %
20 %	97.3 %	100.9 %	98.7 %
30 %	104.4 %	98.2 %	104.9 %
40 %	103.4 %	98.4 %	106.3 %
50 %	103.7 %	98.2 %	106.5 %
60 %	103.8 %	98.4 %	104.6 %
70 %	106.8 %	97.5 %	104.7 %
80 %	106.3 %	97.7 %	104.2 %
90 %	106.9 %	97.4 %	105.1 %
100 %	108.3 %	97.2 %	103.8 %
Average	104.1 %	98.4 %	103.6 %

RGB After

% Stimulus	Red	Green	Blue
10 %	90.9 %	103.9 %	88.1 %
20 %	95.9 %	101.0 %	102.5 %
30 %	97.1 %	100.9 %	99.6 %
40 %	94.8 %	101.8 %	98.0 %
50 %	99.3 %	99.9 %	102.8 %
60 %	98.9 %	100.2 %	101.0 %
70 %	98.0 %	100.6 %	100.3 %
80 %	99.4 %	100.2 %	99.6 %
90 %	100.3 %	99.8 %	101.2 %
100 %	102.0 %	99.4 %	99.7 %
Average	97.7 %	100.8 %	99.3 %

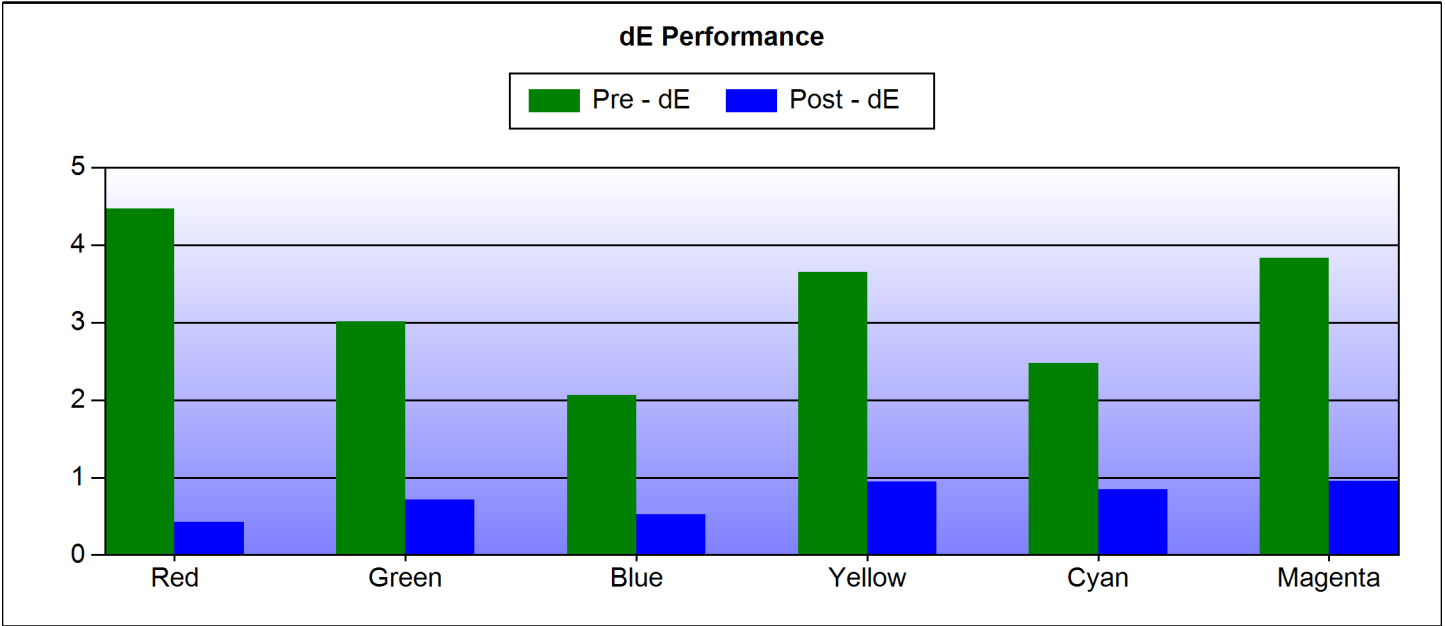


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Chromaticity Performance



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	0.666	0.324	0.235	4.5
Green	0.281	0.647	0.726	3.0
Blue	0.154	0.063	0.082	2.1
Yellow	0.439	0.513	0.929	3.7
Cyan	0.210	0.326	0.791	2.5
Magenta	0.346	0.159	0.312	3.8
White	0.317	0.324	66.089	4.8
Average				3.5

After Calibration

Color	x	y	Y	dE
Red	0.642	0.330	0.211	0.4
Green	0.297	0.596	0.717	0.7
Blue	0.154	0.061	0.073	0.5
Yellow	0.416	0.507	0.941	0.9
Cyan	0.223	0.330	0.772	0.8
Magenta	0.323	0.160	0.284	1.0
White	0.312	0.327	36.449	0.9
Average				0.8

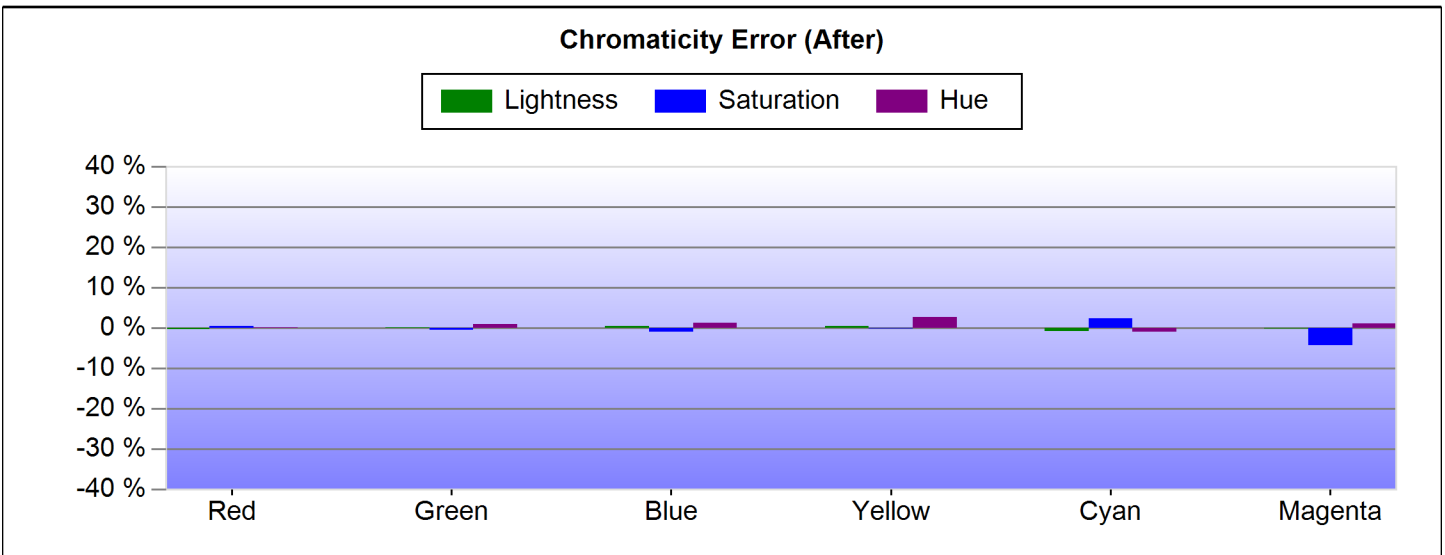
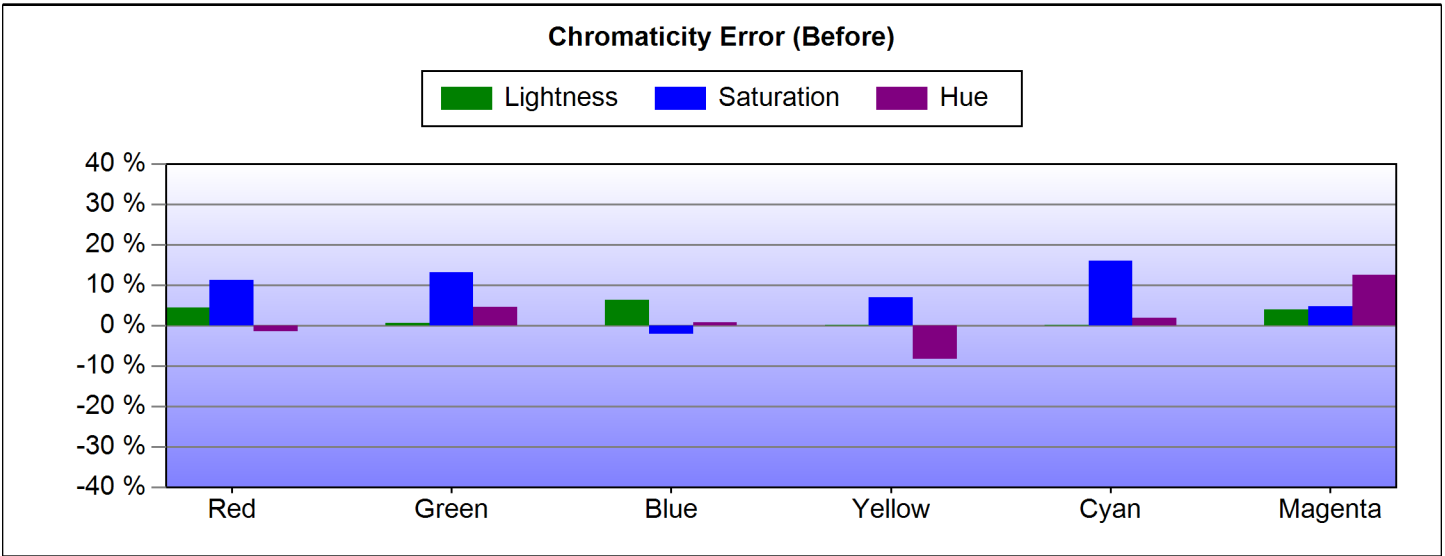


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Lightness, Saturation, and Hue Error



Before Calibration

Color	Lightness	Saturation	Hue
Red	4.4 %	11.3 %	-1.5 %
Green	0.6 %	13.1 %	4.7 %
Blue	6.3 %	-2.1 %	0.8 %
Yellow	0.1 %	7.0 %	-8.3 %
Cyan	0.2 %	15.9 %	1.9 %
Magenta	3.9 %	4.7 %	12.5 %

After Calibration

Color	Lightness	Saturation	Hue
Red	-0.4 %	0.5 %	0.1 %
Green	0.1 %	-0.5 %	1.0 %
Blue	0.5 %	-1.0 %	1.3 %
Yellow	0.5 %	-0.2 %	2.7 %
Cyan	-0.8 %	2.3 %	-0.9 %
Magenta	-0.1 %	-4.2 %	1.1 %

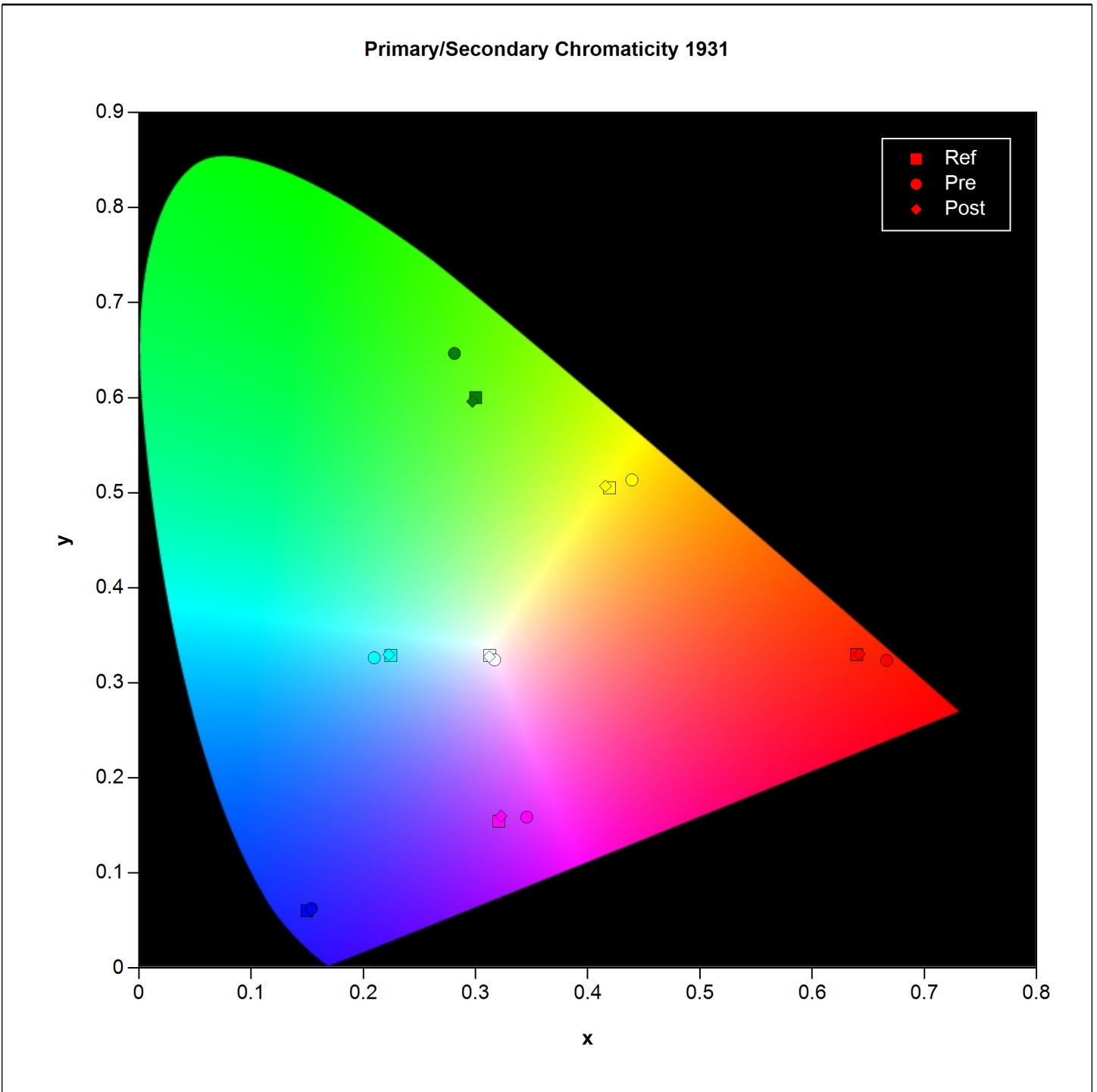


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CIE Chart



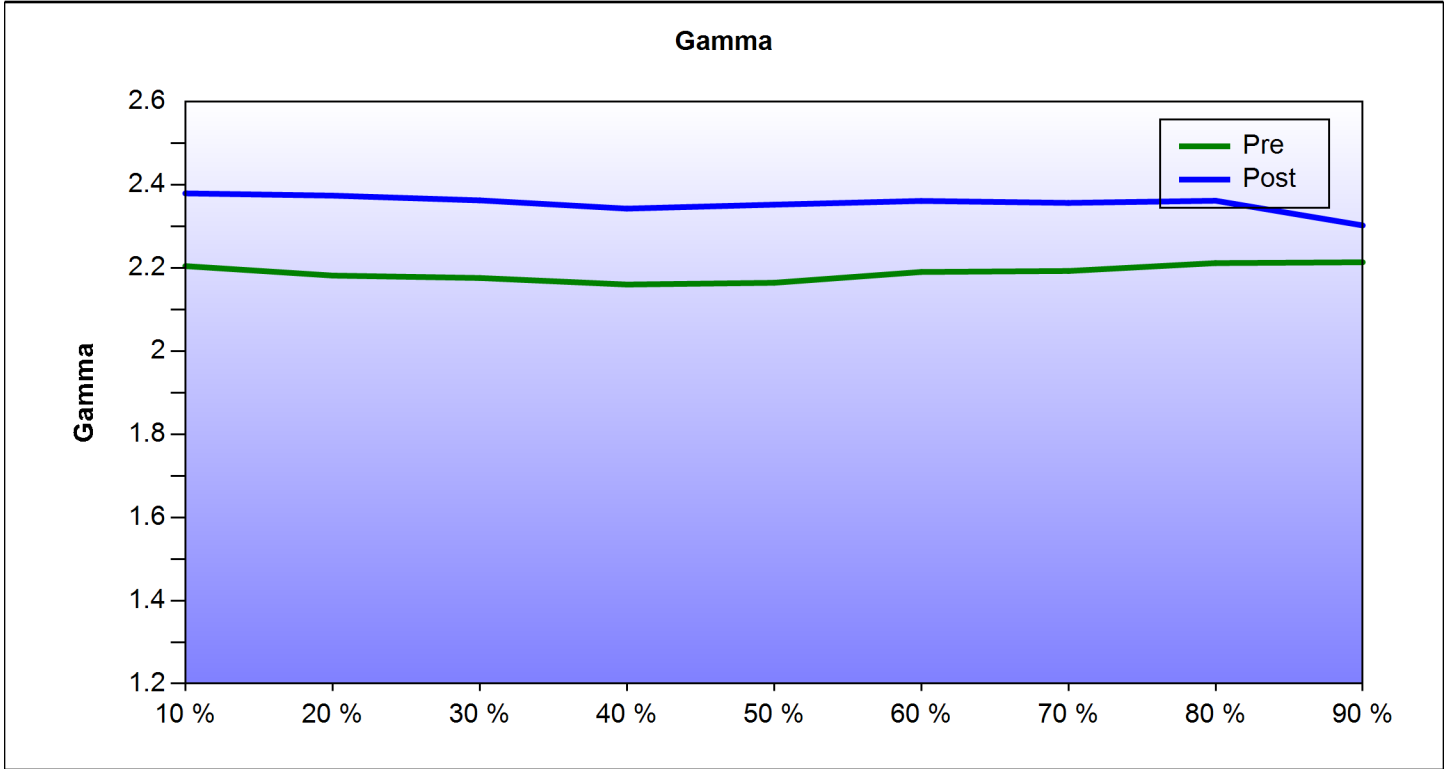


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Gamma



Y

Gamma

Input	Pre	Post
0 %	0.01	0.00
10 %	0.76	0.30
20 %	3.63	1.57
30 %	8.86	4.16
40 %	16.80	8.35
50 %	27.13	13.99
60 %	39.72	21.39
70 %	55.63	30.83
80 %	74.24	42.18
90 %	96.31	56.06
100 %	121.61	71.45

Input	Pre	Post
0 %	0.00	0.00
10 %	2.20	2.38
20 %	2.18	2.37
30 %	2.18	2.36
40 %	2.16	2.34
50 %	2.16	2.35
60 %	2.19	2.36
70 %	2.19	2.36
80 %	2.21	2.36
90 %	2.21	2.30
100 %	0.00	0.00

Original Contrast: 15540 New Contrast: 15972