ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

Grayscale Performance

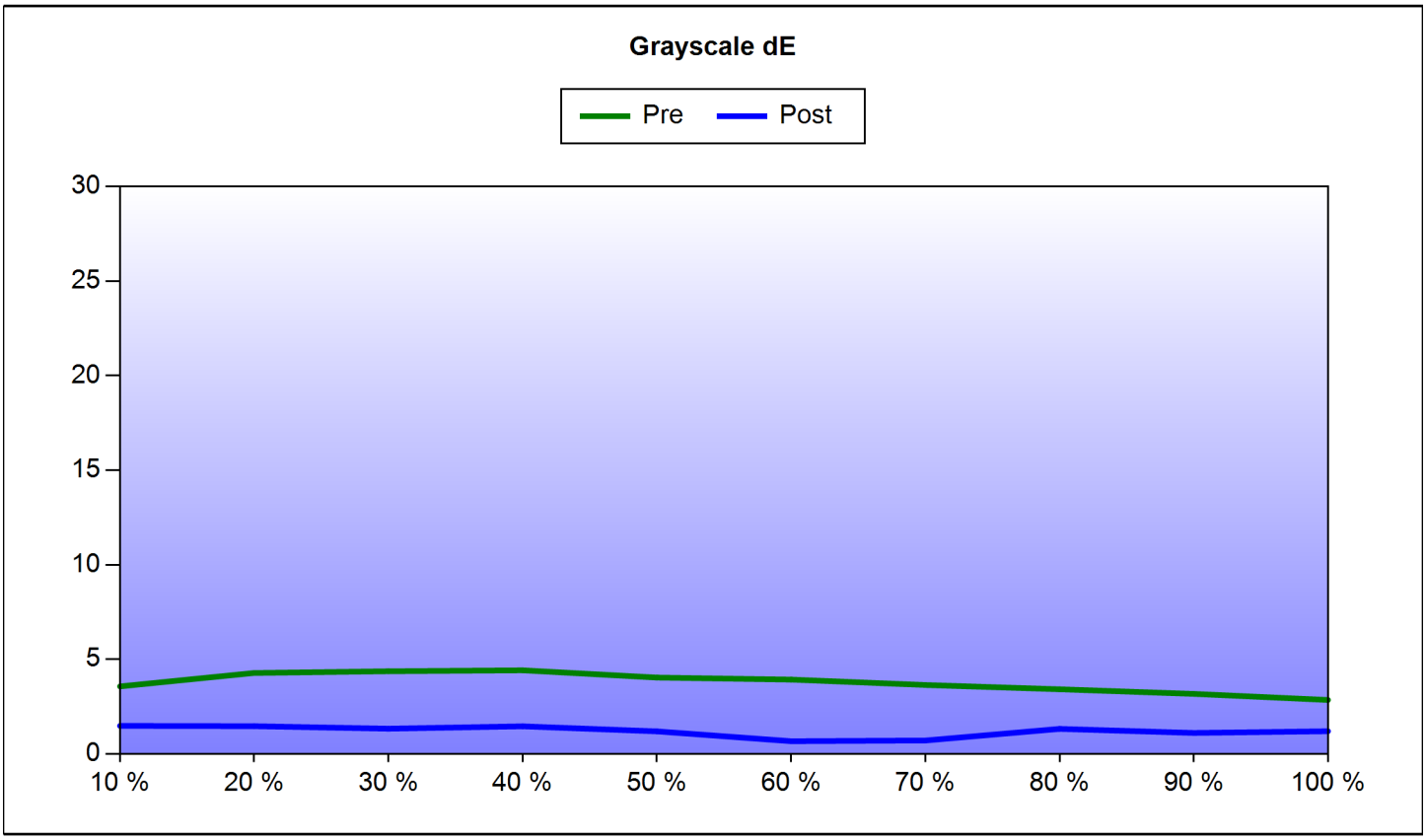
Original Contrast: 53235 New Contrast: 43744

Grayscale Before

% Stimulus	x	y	CCT	dE
10 %	0.307	0.323	6,888	3.6
20 %	0.307	0.321	6,876	4.3
30 %	0.307	0.321	6,886	4.4
40 %	0.307	0.321	6,900	4.4
50 %	0.307	0.322	6,885	4.0
60 %	0.307	0.322	6,875	3.9
70 %	0.307	0.322	6,867	3.6
80 %	0.307	0.323	6,856	3.4
90 %	0.308	0.323	6,844	3.2
100 %	0.308	0.324	6,829	2.8
			Average	3.8

Grayscale After

% Stimulus	x	y	CCT	dE
10 %	0.310	0.327	6,690	1.5
20 %	0.310	0.326	6,656	1.5
30 %	0.311	0.327	6,620	1.3
40 %	0.314	0.332	6,413	1.5
50 %	0.314	0.331	6,413	1.2
60 %	0.312	0.330	6,536	0.7
70 %	0.314	0.329	6,457	0.7
80 %	0.313	0.331	6,492	1.3
90 %	0.312	0.330	6,547	1.1
100 %	0.312	0.330	6,538	1.2
			Average	1.2



ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

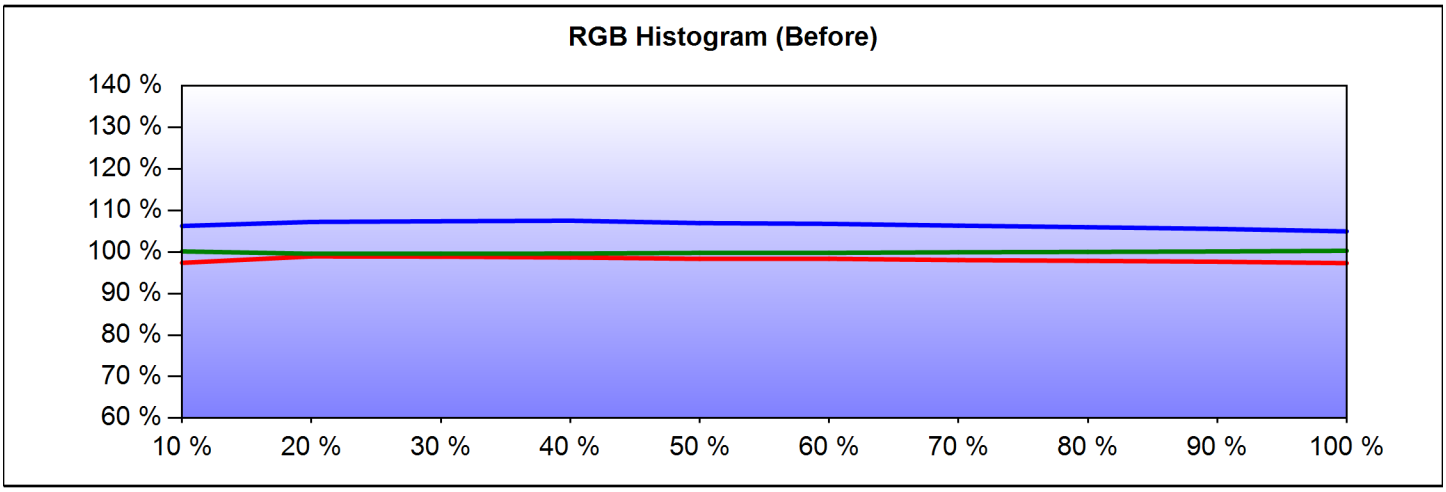
Company: **ChromaPure Video Calibration Software**

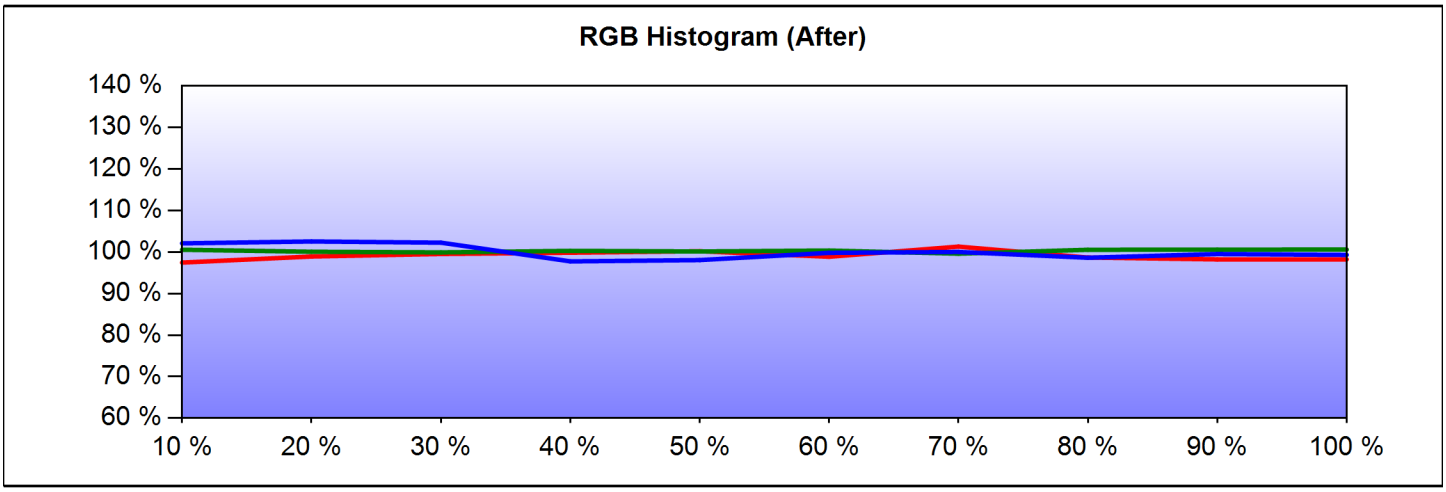
ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

RGB Histogram Chart





RGB Before

% Stimulus	Red	Green	Blue
10 %	97.4 %	100.1 %	106.3 %
20 %	98.9 %	99.6 %	107.2 %
30 %	98.9 %	99.6 %	107.4 %
40 %	98.7 %	99.6 %	107.5 %
50 %	98.4 %	99.8 %	107.0 %
60 %	98.4 %	99.8 %	106.8 %
70 %	98.1 %	99.9 %	106.3 %
80 %	97.9 %	100.0 %	106.0 %
90 %	97.7 %	100.1 %	105.6 %
100 %	97.3 %	100.3 %	105.0 %
Average	98.2 %	99.9 %	106.5 %

RGB After

% Stimulus	Red	Green	Blue
10 %	97.5 %	100.5 %	102.1 %
20 %	98.9 %	100.1 %	102.5 %
30 %	99.5 %	99.9 %	102.3 %
40 %	99.8 %	100.3 %	97.8 %
50 %	100.2 %	100.1 %	98.1 %
60 %	98.9 %	100.4 %	99.8 %
70 %	101.3 %	99.6 %	100.0 %
80 %	98.7 %	100.5 %	98.6 %
90 %	98.2 %	100.6 %	99.5 %
100 %	98.2 %	100.6 %	99.3 %
Average	99.1 %	100.3 %	100.0 %

ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

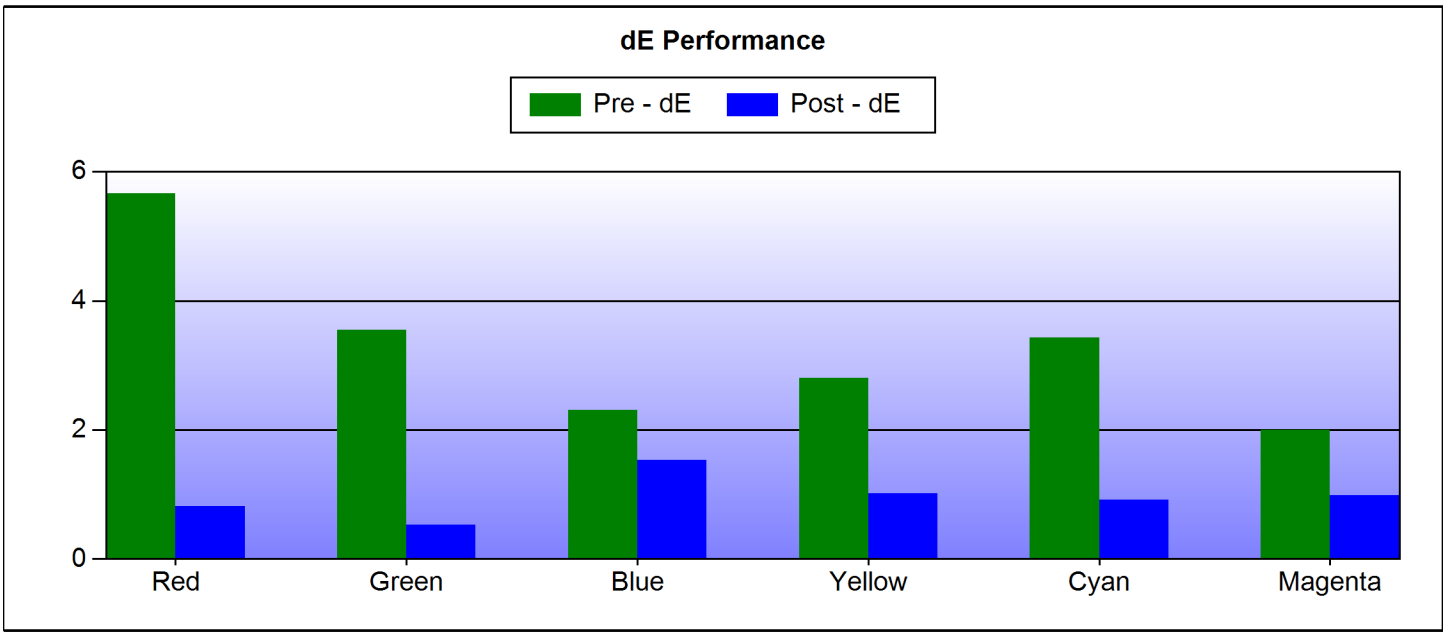
Company: **ChromaPure Video Calibration Software**

ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

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	0.662	0.331	0.238	5.7
Green	0.274	0.652	0.719	3.6
Blue	0.147	0.061	0.082	2.3
Yellow	0.430	0.523	0.939	2.8
Cyan	0.203	0.320	0.773	3.4
Magenta	0.328	0.156	0.305	2.0
White	0.308	0.324	121.433	2.8
			Average	3.2

After Calibration

Color	x	y	Y	dE
Red	0.642	0.331	0.217	0.8
Green	0.297	0.602	0.709	0.5
Blue	0.147	0.062	0.078	1.5
Yellow	0.421	0.507	0.950	1.0
Cyan	0.222	0.331	0.794	0.9
Magenta	0.319	0.152	0.274	1.0
White	0.312	0.330	117.944	1.2
			Average	1.0

ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

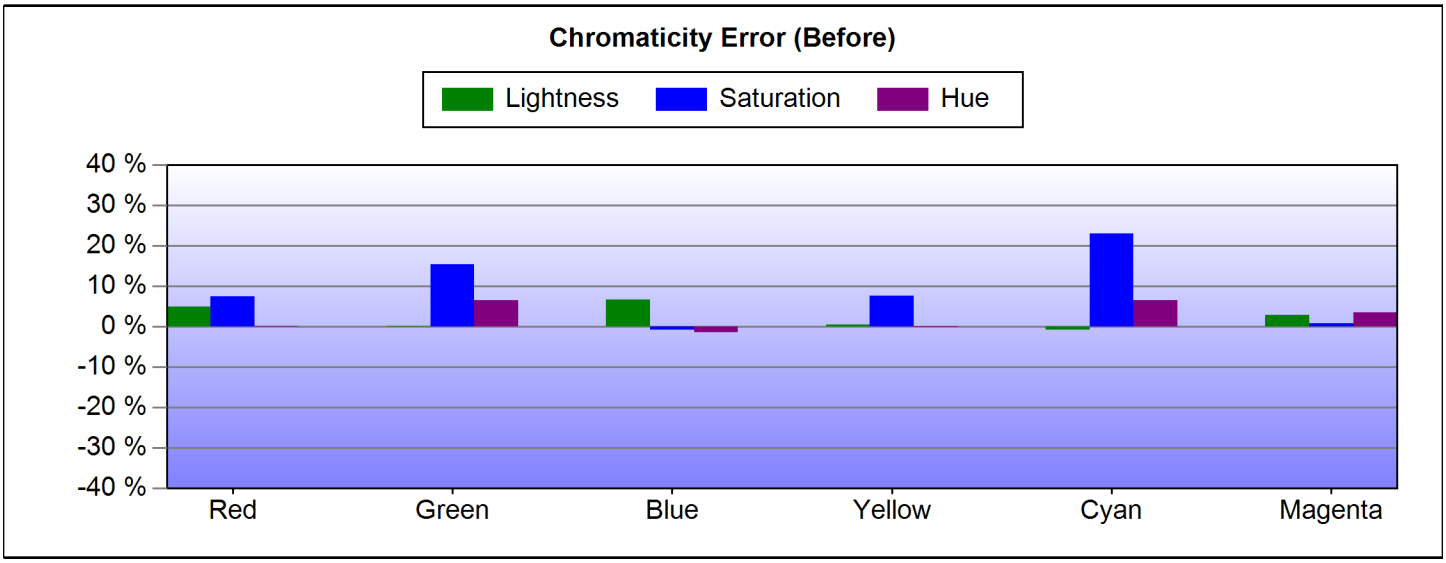
Company: **ChromaPure Video Calibration Software**

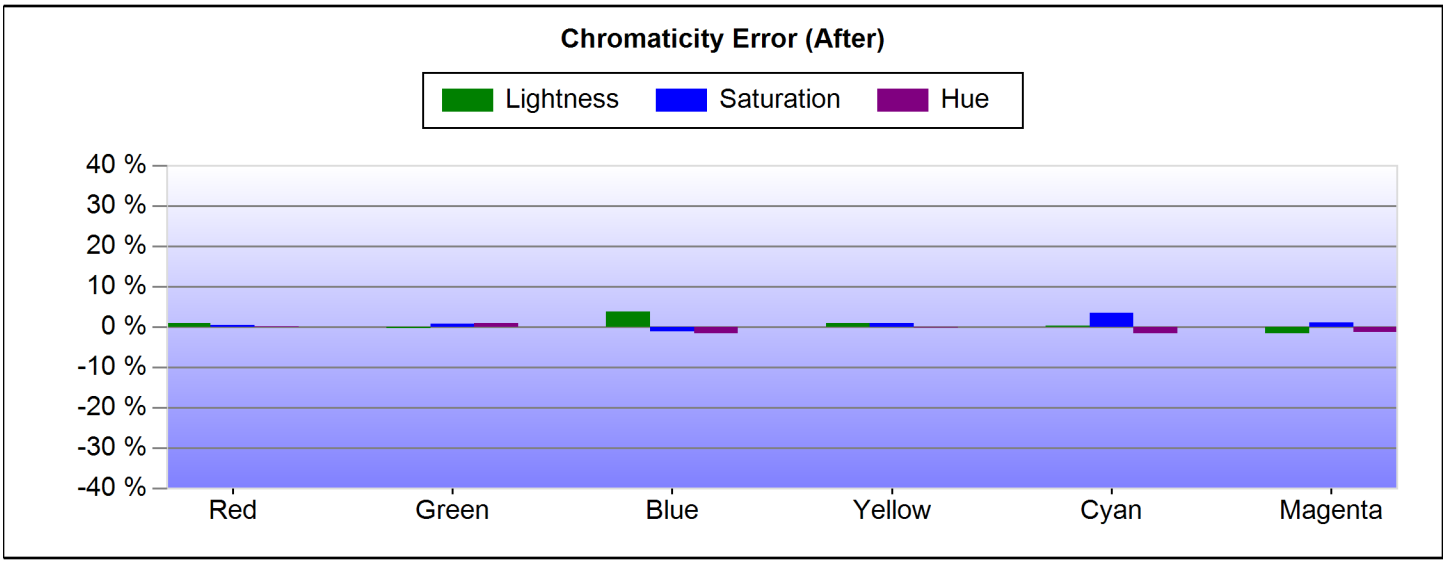
ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

Lightness, Saturation, and Hue Error





Before Calibration

Color	Lightness	Saturation	Hue
Red	5.0 %	7.4 %	0.2 %
Green	0.2 %	15.4 %	6.5 %
Blue	6.6 %	-0.8 %	-1.4 %
Yellow	0.5 %	7.6 %	0.0 %
Cyan	-0.7 %	23.0 %	6.5 %
Magenta	2.9 %	0.8 %	3.5 %

After Calibration

Color	Lightness	Saturation	Hue
Red	0.9 %	0.5 %	0.2 %
Green	-0.3 %	0.8 %	0.9 %
Blue	3.8 %	-1.0 %	-1.5 %
Yellow	0.9 %	0.9 %	-0.1 %
Cyan	0.3 %	3.4 %	-1.6 %
Magenta	-1.6 %	1.1 %	-1.2 %

ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

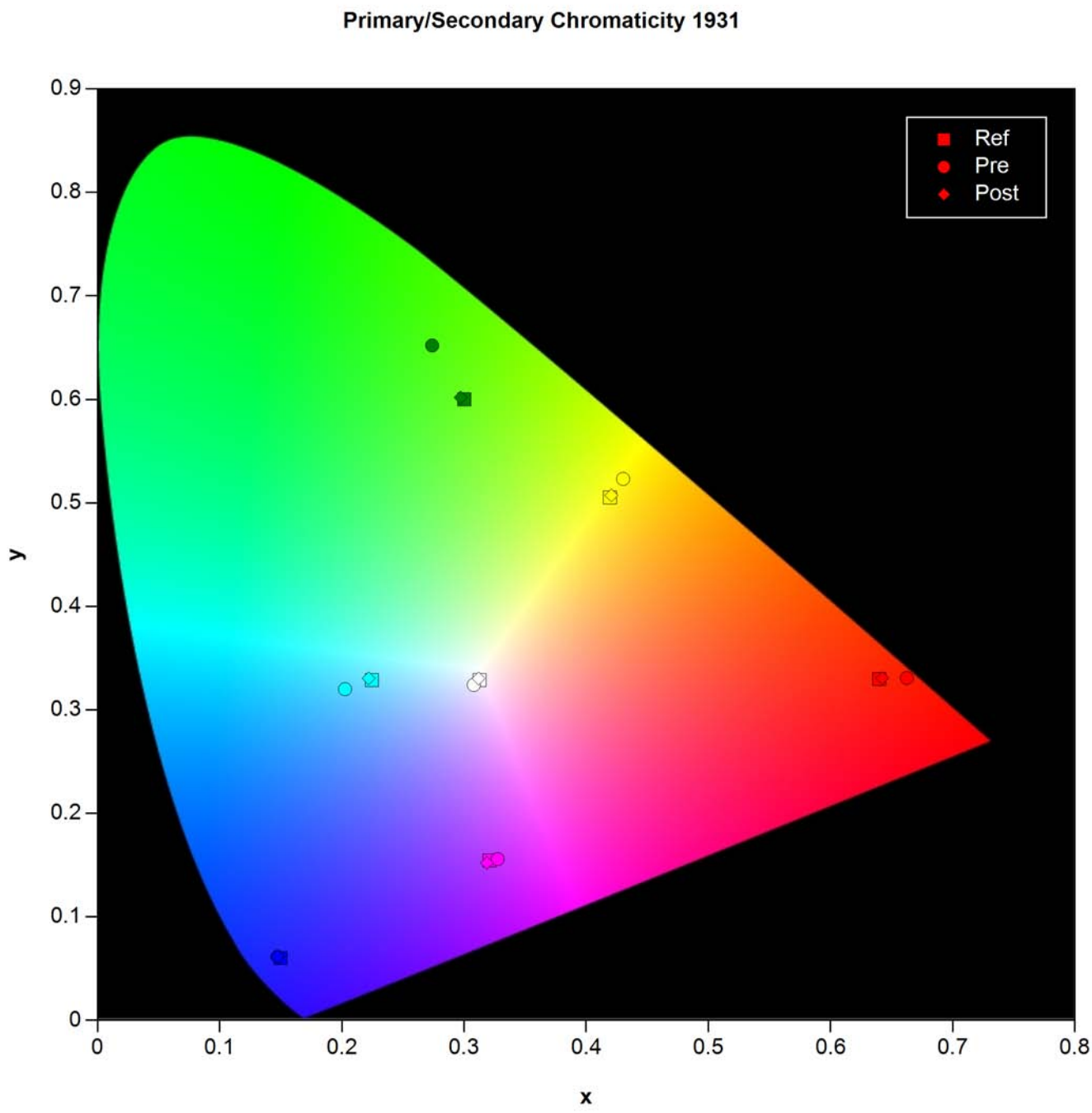
Company: **ChromaPure Video Calibration Software**

ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

CIE Chart



ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

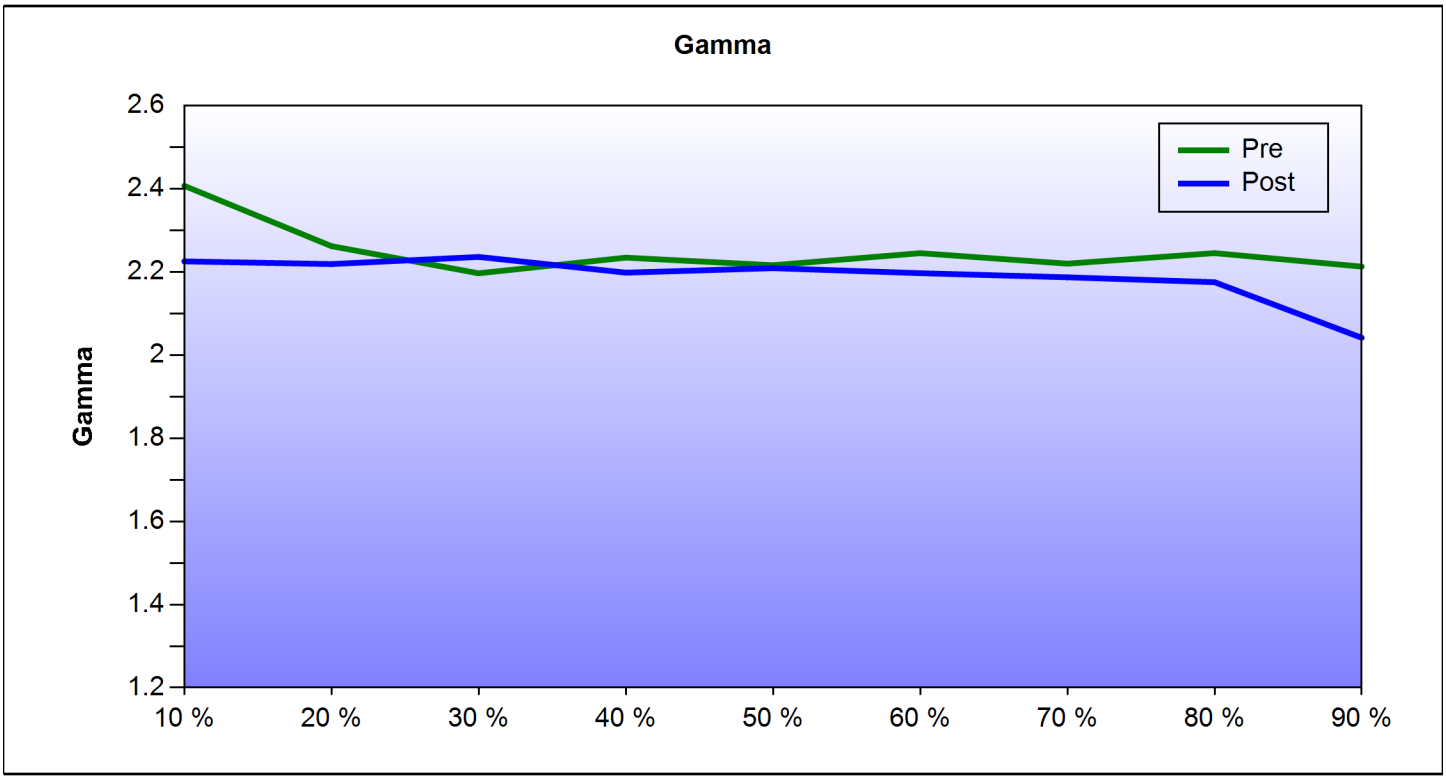
Company: **ChromaPure Video Calibration Software**

ChromaPure Detailed Calibration Report

Technician: ChromaPure User

Company: ChromaPure Video Calibration Software

Gamma



Y

Input	Pre	Post
10 %	0.48	0.70
20 %	3.19	3.31
30 %	8.64	7.97
40 %	15.70	15.70
50 %	26.18	25.44
60 %	38.64	38.30
70 %	55.12	53.93
80 %	73.72	72.41
90 %	96.37	94.88
100 %	121.67	117.65

Gamma

Input	Pre	Post
10 %	2.41	2.23
20 %	2.26	2.22
30 %	2.20	2.24
40 %	2.23	2.20
50 %	2.22	2.21
60 %	2.25	2.20
70 %	2.22	2.19
80 %	2.25	2.18
90 %	2.21	2.04
100 %	0.00	0.00

ChromaPure Detailed Calibration Report

Technician: **ChromaPure User**

Company: **ChromaPure Video Calibration Software**