

# Monitor Calibration Report

Date:2010-2-5 11:20:04

Profile:C:/WINDOWS/System32/spool/DRIVERS/COLOR/WORX-aRGB-6500K-22-140cd-trc.icc

Measurement Device:DTP94-LCD mode (Wide Gamut S-IPS (generic))

## Calibration:

|        | Target | Current | Deviation |
|--------|--------|---------|-----------|
| Gamma  | 2.2    | 2.2     | 1%        |
| Kelvin | 6500   | 6337    | 3%        |
| cd/m2  | 140    | 141     | 0%        |

## Whitepoint

|                                       |                      |
|---------------------------------------|----------------------|
| XYZ                                   | 134.14 140.58 150.33 |
| XYZ (normalized):                     | 95.42 100.00 106.94  |
| Luminance                             | 140.6 Cd/m2          |
| Next Temperature                      | 6337 Kelvin          |
| Assumed Target Whitepoint             | 6300 Kelvin          |
| Distance to assumed Target Whitepoint | 1.9 deltaE           |

## Blackpoint:

Luminance 0.20 Cd/m2

## Graybalance:

| Color          | Kelvin | Chroma | Gamma |
|----------------|--------|--------|-------|
| 0% black       | 14953  | 1.24   |       |
| 17% heavy dark | 6401   | 0.35   | 2.21  |
| 25% dark gray  | 6286   | 0.66   | 2.21  |
| 50% gray       | 6337   | 0.82   | 2.20  |
| 75% light gray | 6337   | 1.11   | 2.20  |
| 100% white     | 6337   | 1.37   |       |

Average Gamma = 2.21

## Profile Statistic:

Note: The deltaE calculation takes the blackpoint into account!  
Based on chromatic adaptation Bradford

| Color          | L     | a      | b      | dE94 |
|----------------|-------|--------|--------|------|
| 0% black       | 1.3   | -0.4   | -1.3   | 0.2  |
| 17% heavy dark | 17.0  | 0.1    | -0.3   | 0.5  |
| 25% dark gray  | 26.3  | 0.2    | 0.1    | 0.4  |
| 50% gray       | 53.9  | 0.0    | 0.0    | 0.3  |
| 75% light gray | 78.0  | 0.0    | 0.0    | 0.2  |
| 100% white     | 100.0 | 0.0    | 0.0    | 0.0  |
| red            | 60.4  | 99.8   | 88.8   | 0.3  |
| green          | 84.7  | -133.6 | 80.6   | 0.4  |
| blue           | 29.5  | 70.3   | -113.9 | 0.2  |
| cyan           | 87.7  | -89.6  | -20.1  | 0.5  |
| magenta        | 65.3  | 110.5  | -53.7  | 0.2  |
| yellow         | 97.6  | -16.3  | 100.9  | 0.2  |
|                |       |        |        |      |
| Average        |       |        |        | 0.3  |

|         |  |  |  |     |
|---------|--|--|--|-----|
| Maximum |  |  |  | 0.5 |
|---------|--|--|--|-----|

Metric:

|   |     |      |       |
|---|-----|------|-------|
|   | 0%  | 50%  | 100%  |
| X | 0.2 | 29.3 | 134.1 |
| Y | 0.2 | 30.7 | 140.6 |
| Z | 0.3 | 32.9 | 150.3 |
| K |     | 6337 | 6337  |