

# Colorimetric Report

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|                  |                     |
|------------------|---------------------|
| Test Device      | Panasonic L47ETW5   |
| Target           | Rec.709 (Gamma 2.2) |
| Display Profile  | not considered      |
| Rendering Intent | -                   |

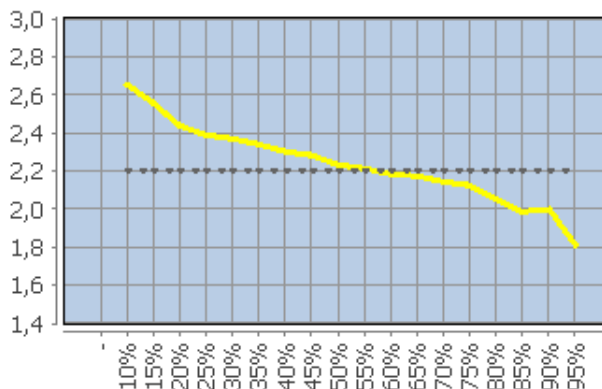
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 13097K             |
| White Point XYZ (normalized)        | 98.75 100.0 168.42 |
| DeltaE to D50/ D65                  | 53.84/ 31.95       |
| DeltaE to Blackbody Curve *         | 4.33               |
| Assumed Target Whitepoint           | 13100K             |
| DeltaE to Assumed Target Whitepoint | 4.33               |
| Brightness / cd/m <sup>2</sup> **   | 253.0              |
| Black Point / cd/m <sup>2</sup> **  | 0.2                |
| Contrast / x:1                      | 1265:1             |
| Gradation (Average)                 | 2.24               |

\* Based on CCT \*\* Measured with X-Rite DTP94 or comparable probe

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 19038  | 0.45   | 3.59   | 2.65  |
|  | 15      | 15888  | 1.04   | 6.06   | 2.56  |
|  | 20      | 15805  | 1.0    | 4.51   | 2.44  |
|  | 25      | 14518  | 0.7    | 3.53   | 2.39  |
|  | 30      | 14591  | 0.89   | 3.01   | 2.37  |
|  | 35      | 14122  | 0.81   | 2.87   | 2.34  |
|  | 40      | 13768  | 0.57   | 1.9    | 2.3   |
|  | 45      | 13767  | 0.7    | 1.39   | 2.28  |
|  | 50      | 13565  | 0.65   | 0.7    | 2.23  |
|  | 55      | 13334  | 0.29   | 0.36   | 2.21  |
|  | 60      | 13263  | 0.35   | 0.41   | 2.18  |
|  | 65      | 13124  | 0.07   | 0.43   | 2.17  |
|  | 70      | 13730  | 0.97   | 1.25   | 2.14  |
|  | 75      | 14262  | 2.17   | 2.27   | 2.12  |
|  | 80      | 14201  | 2.18   | 2.4    | 2.06  |
|  | 85      | 14621  | 2.3    | 2.62   | 1.99  |
|  | 90      | 15830  | 4.6    | 4.68   | 2.0   |
|  | 95      | 16283  | 5.52   | 5.56   | 1.81  |
|  | 100     | 13097  | -      | -      | -     |
|  | Average | -      | 1.49*  | 2.37*  | 2.24  |
|  | Maximum | -      | 5.52*  | 5.56*  | -     |
|  | Range   | -      | 5.55*  | -      | -     |

\* Only luminance > 1% considered  
Without Black Point Compensation

Corresponding Gamma



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| Test Device      | Panasonic L47ETW5   |
| Target           | Rec.709 (Gamma 2.2) |
| Display Profile  | not considered      |
| Rendering Intent | -                   |

|  | RGB*       | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 12.6   | 7.87   | 11.78  | 12.37    |
|  | 0 255 0    | 8.0    | 10.37  | 2.84   | 4.84     |
|  | 0 0 255    | 29.3   | 2.44   | 1.99   | 4.69     |
|  | 0 255 255  | 12.06  | 8.43   | 1.7    | 6.31     |
|  | 255 0 255  | 9.3    | 9.23   | 5.13   | 6.32     |
|  | 255 255 0  | 3.71   | 2.06   | 2.8    | 3.0      |
|  | 170 85 85  | 4.57   | 2.42   | 1.85   | 2.91     |
|  | 85 170 85  | 9.49   | 6.28   | 0.36   | 4.3      |
|  | 85 85 170  | 9.06   | 1.29   | 0.59   | 2.84     |
|  | 85 170 170 | 1.79   | 2.31   | 1.28   | 2.23     |
|  | 170 85 170 | 9.08   | 3.21   | 0.55   | 3.12     |
|  | 170 170 85 | 10.11  | 0.87   | 0.44   | 3.36     |
|  | 229 0 0    | 8.37   | 7.01   | 8.68   | 9.27     |
|  | 204 0 0    | 5.9    | 5.73   | 6.46   | 7.01     |
|  | 178 0 0    | 4.84   | 3.89   | 4.52   | 4.97     |
|  | 153 0 0    | 3.39   | 2.71   | 2.9    | 3.28     |
|  | 127 0 0    | 2.85   | 1.53   | 1.94   | 2.23     |
|  | 102 0 0    | 1.89   | 0.9    | 0.7    | 1.04     |
|  | 76 0 0     | 1.25   | 0.5    | 0.05   | 0.56     |
|  | 0 229 0    | 5.13   | 9.76   | 1.2    | 3.96     |
|  | 0 204 0    | 2.66   | 9.6    | 0.5    | 3.86     |
|  | 0 178 0    | 0.35   | 9.94   | 0.34   | 4.19     |
|  | 0 153 0    | 2.92   | 10.12  | 1.18   | 4.72     |
|  | 0 127 0    | 1.45   | 7.72   | 1.96   | 4.22     |
|  | 0 102 0    | 0.45   | 6.21   | 2.12   | 3.88     |
|  | 0 76 0     | 3.05   | 3.28   | 2.62   | 3.37     |
|  | 0 0 229    | 22.51  | 2.27   | 0.01   | 3.52     |
|  | 0 0 204    | 16.05  | 2.0    | 2.0    | 3.38     |
|  | 0 0 178    | 11.45  | 1.85   | 3.2    | 3.86     |
|  | 0 0 153    | 7.41   | 1.62   | 3.94   | 4.25     |
|  | 0 0 127    | 4.32   | 1.34   | 4.46   | 4.6      |
|  | 0 0 102    | 2.53   | 1.3    | 4.58   | 4.66     |
|  | 0 0 76     | 0.97   | 0.47   | 3.81   | 3.83     |
|  | 0 229 229  | 10.48  | 11.95  | 0.06   | 7.83     |
|  | 0 204 204  | 9.36   | 10.23  | 0.7    | 7.06     |
|  | 0 178 178  | 8.29   | 9.56   | 0.71   | 6.82     |
|  | 0 153 153  | 7.06   | 7.43   | 0.09   | 5.63     |
|  | 0 127 127  | 5.98   | 5.33   | 0.8    | 4.54     |
|  | 0 102 102  | 5.34   | 4.15   | 1.18   | 4.07     |
|  | 0 76 76    | 4.68   | 3.88   | 2.1    | 4.37     |
|  | 229 0 229  | 6.29   | 7.6    | 2.94   | 4.28     |
|  | 204 0 204  | 3.69   | 6.47   | 1.23   | 2.97     |
|  | 178 0 178  | 1.13   | 6.22   | 0.19   | 2.68     |
|  | 153 0 153  | 0.26   | 5.09   | 0.93   | 2.5      |
|  | 127 0 127  | 0.62   | 4.44   | 1.35   | 2.57     |
|  | 102 0 102  | 0.7    | 3.74   | 1.55   | 2.52     |
|  | 76 0 76    | 0.64   | 3.36   | 1.29   | 2.36     |

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|                  |                     |
|------------------|---------------------|
| Test Device      | Panasonic L47ETW5   |
| Target           | Rec.709 (Gamma 2.2) |
| Display Profile  | not considered      |
| Rendering Intent | -                   |

|  | RGB*        | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 0.01   | 2.73   | 1.58   | 1.97     |
|  | 204 204 0   | 1.27   | 2.41   | 1.04   | 1.52     |
|  | 178 178 0   | 1.82   | 2.28   | 0.97   | 1.51     |
|  | 153 153 0   | 4.54   | 2.1    | 1.43   | 2.11     |
|  | 127 127 0   | 7.07   | 1.59   | 2.55   | 3.32     |
|  | 102 102 0   | 4.25   | 0.73   | 3.39   | 3.66     |
|  | 76 76 0     | 0.88   | 0.19   | 4.29   | 4.31     |
|  | 255 25 25   | 9.73   | 4.06   | 9.16   | 9.46     |
|  | 255 51 51   | 4.36   | 6.94   | 6.26   | 6.97     |
|  | 255 76 76   | 2.11   | 6.48   | 3.87   | 4.9      |
|  | 255 102 102 | 1.97   | 4.75   | 2.65   | 3.6      |
|  | 255 127 127 | 2.86   | 3.42   | 2.17   | 3.0      |
|  | 255 153 153 | 2.13   | 1.94   | 1.54   | 2.09     |
|  | 255 178 178 | 1.83   | 1.62   | 1.05   | 1.72     |
|  | 255 204 204 | 1.44   | 0.68   | 0.45   | 1.04     |
|  | 255 229 229 | 0.27   | 2.47   | 0.04   | 2.18     |
|  | 25 255 25   | 5.92   | 10.78  | 1.58   | 4.3      |
|  | 51 255 51   | 2.14   | 11.28  | 0.65   | 4.26     |
|  | 76 255 76   | 0.16   | 10.52  | 0.64   | 4.17     |
|  | 102 255 102 | 2.75   | 9.74   | 0.78   | 4.22     |
|  | 127 255 127 | 4.61   | 8.15   | 0.93   | 4.01     |
|  | 153 255 153 | 5.46   | 6.33   | 1.04   | 3.71     |
|  | 178 255 178 | 5.34   | 4.51   | 0.95   | 3.29     |
|  | 204 255 204 | 3.11   | 2.43   | 0.65   | 2.2      |
|  | 229 255 229 | 1.01   | 0.94   | 0.0    | 0.96     |
|  | 25 25 255   | 22.44  | 2.52   | 0.38   | 3.4      |
|  | 51 51 255   | 14.52  | 2.89   | 0.98   | 2.68     |
|  | 76 76 255   | 7.96   | 2.38   | 1.95   | 2.57     |
|  | 102 102 255 | 3.8    | 1.82   | 2.58   | 2.8      |
|  | 127 127 255 | 2.58   | 1.3    | 2.37   | 2.52     |
|  | 153 153 255 | 1.54   | 0.8    | 2.29   | 2.37     |
|  | 178 178 255 | 1.36   | 0.82   | 1.91   | 2.04     |
|  | 204 204 255 | 1.61   | 0.4    | 1.78   | 1.94     |
|  | 229 229 255 | 0.7    | 0.43   | 0.84   | 1.01     |
|  | 25 255 255  | 11.46  | 6.15   | 0.65   | 5.03     |
|  | 51 255 255  | 10.19  | 3.72   | 0.32   | 3.89     |
|  | 76 255 255  | 8.22   | 1.46   | 1.17   | 3.06     |
|  | 102 255 255 | 6.29   | 0.43   | 1.28   | 2.55     |
|  | 127 255 255 | 4.41   | 0.23   | 1.12   | 2.01     |
|  | 153 255 255 | 2.57   | 0.06   | 0.87   | 1.38     |
|  | 178 255 255 | 0.88   | 0.41   | 0.71   | 0.88     |
|  | 204 255 255 | 0.24   | 0.59   | 0.62   | 0.8      |
|  | 229 255 255 | 0.69   | 0.78   | 0.47   | 0.98     |

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|                  |                     |
|------------------|---------------------|
| Test Device      | Panasonic L47ETW5   |
| Target           | Rec.709 (Gamma 2.2) |
| Display Profile  | not considered      |
| Rendering Intent | -                   |

|  | RGB*        | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 5.82   | 7.81   | 2.91   | 4.2      |
|  | 255 51 255  | 4.68   | 6.67   | 0.82   | 2.77     |
|  | 255 76 255  | 4.3    | 4.14   | 0.23   | 1.83     |
|  | 255 102 255 | 3.57   | 3.75   | 0.39   | 1.79     |
|  | 255 127 255 | 1.76   | 3.29   | 0.47   | 1.64     |
|  | 255 153 255 | 0.99   | 2.72   | 0.27   | 1.45     |
|  | 255 178 255 | 1.5    | 2.09   | 0.58   | 1.43     |
|  | 255 204 255 | 1.4    | 1.3    | 0.62   | 1.23     |
|  | 255 229 255 | 0.76   | 0.52   | 0.46   | 0.76     |
|  | 255 255 25  | 3.8    | 1.24   | 2.2    | 2.37     |
|  | 255 255 51  | 1.64   | 1.08   | 1.99   | 2.07     |
|  | 255 255 76  | 1.41   | 0.69   | 1.58   | 1.64     |
|  | 255 255 102 | 4.15   | 0.66   | 1.28   | 1.63     |
|  | 255 255 127 | 6.53   | 0.51   | 1.08   | 2.05     |
|  | 255 255 153 | 7.12   | 0.52   | 0.98   | 2.42     |
|  | 255 255 178 | 7.25   | 0.51   | 0.83   | 2.83     |
|  | 255 255 204 | 2.8    | 0.2    | 0.45   | 1.4      |
|  | 255 255 229 | 1.59   | 0.29   | 0.08   | 1.04     |
|  | 213 255 0   | 1.26   | 1.47   | 1.96   | 2.06     |
|  | 159 191 0   | 2.33   | 0.15   | 0.57   | 0.77     |
|  | 106 128 0   | 6.79   | 1.19   | 2.24   | 2.97     |
|  | 0 255 85    | 3.27   | 13.09  | 2.44   | 5.67     |
|  | 0 191 64    | 2.43   | 12.35  | 0.43   | 5.48     |
|  | 0 128 42    | 4.01   | 9.43   | 1.62   | 5.2      |
|  | 0 128 255   | 2.38   | 2.31   | 2.84   | 3.09     |
|  | 0 96 191    | 5.47   | 6.38   | 1.92   | 4.18     |
|  | 0 64 128    | 7.7    | 6.88   | 0.66   | 4.93     |
|  | 170 0 255   | 15.72  | 1.07   | 0.2    | 2.49     |
|  | 127 0 191   | 5.73   | 1.44   | 2.18   | 2.49     |
|  | 85 0 128    | 0.63   | 2.4    | 2.74   | 2.97     |
|  | 255 0 42    | 14.7   | 3.32   | 11.16  | 11.57    |
|  | 191 0 32    | 4.24   | 5.98   | 5.18   | 5.93     |
|  | 128 0 21    | 1.18   | 3.54   | 1.65   | 2.52     |
|  | 170 85 0    | 8.13   | 0.48   | 2.78   | 3.5      |
|  | 0 170 85    | 1.88   | 10.86  | 0.36   | 5.47     |
|  | 85 0 170    | 5.63   | 1.43   | 3.04   | 3.28     |
|  | 0 85 170    | 6.82   | 6.86   | 1.43   | 4.5      |
|  | 170 0 85    | 3.93   | 7.39   | 2.19   | 4.5      |
|  | 85 170 0    | 5.07   | 3.07   | 0.16   | 1.77     |
|  | 123 127 127 | 0.11   | 0.21   | 0.9    | 0.93     |
|  | 127 123 127 | 0.81   | 0.27   | 1.12   | 1.36     |
|  | 127 127 123 | 0.03   | 0.21   | 1.1    | 1.12     |
|  | Average     | 4.87   | 3.88   | 1.85   | 3.42     |
|  | Maximum     | 29.3   | 13.09  | 11.78  | 12.37    |

\* Compressed to video level if necessary