

Interpretation *rgb* -> *rgb\** and CIELAB data of a 48 step elementary hue circle

for a sRGB standard display with the luminance reflection  $L_r=0,6\%$  compared to the white reference (100%)

48 step elementary hue circle with hues: *RJGB*:  $h_{ab,a} = 25.5, 92.3, 162.2, 271.7$ , and *C' M'* = 217.0, 328.6

Comparison with six device hues *OYLCVM*:  $h_{ab,a} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$

9 step equidistant grey scale:  $L^* = 5.7, 16.9, 28.1, 39.3, 50.5, 61.8, 73.0, 84.2, 95.4$

| <i>u*</i> <sub>Ma</sub> | <i>h</i> <sub>rgb</sub> | <i>d*</i> <sub>Ma</sub> | <i>o</i> <sub>lv*</sub> <sub>Ma</sub> |       | <i>h</i> <sub>Ma</sub> | <i>rgb</i> -> <i>rgb*</i> <sub>Ma</sub> |       |       |       | <i>u*</i> <sub>Ma</sub> | <i>h</i> <sub>rgb</sub> | <i>d*</i> <sub>Ma</sub> | <i>o</i> <sub>lv*</sub> <sub>Ma</sub> |       | <i>h</i> <sub>Ma</sub> | <i>rgb</i> -> <i>rgb*</i> <sub>Ma</sub> |       |       |       |       |
|-------------------------|-------------------------|-------------------------|---------------------------------------|-------|------------------------|-----------------------------------------|-------|-------|-------|-------------------------|-------------------------|-------------------------|---------------------------------------|-------|------------------------|-----------------------------------------|-------|-------|-------|-------|
| r00j                    | 30.0                    | m74o                    | 1.0                                   | 0.0   | 0.257                  | 25.5                                    | 1.000 | 0.000 | 0.000 |                         | g50b                    | 210.0                   | c11v                                  | 0.0   | 0.889                  | 1.0                                     | 217.0 | 0.000 | 1.000 | 1.000 |
| r12j                    | 36.6                    | m87o                    | 1.0                                   | 0.0   | 0.132                  | 33.8                                    | 1.000 | 0.125 | 0.000 | O                       | g56b                    | 216.6                   | c14v                                  | 0.0   | 0.858                  | 1.0                                     | 223.8 | 0.000 | 0.875 | 1.000 |
| r25j                    | 43.9                    | o21y                    | 1.0                                   | 0.212 | 0.0                    | 42.2                                    | 1.000 | 0.250 | 0.000 |                         | g62b                    | 223.9                   | c17v                                  | 0.0   | 0.827                  | 1.0                                     | 230.7 | 0.000 | 0.750 | 1.000 |
| r37j                    | 51.8                    | o39y                    | 1.0                                   | 0.386 | 0.0                    | 50.5                                    | 1.000 | 0.375 | 0.000 |                         | g68b                    | 231.8                   | c20v                                  | 0.0   | 0.796                  | 1.0                                     | 237.5 | 0.000 | 0.625 | 1.000 |
| r50j                    | 60.0                    | o50y                    | 1.0                                   | 0.498 | 0.0                    | 58.9                                    | 1.000 | 0.500 | 0.000 |                         | g75b                    | 240.0                   | c24v                                  | 0.0   | 0.764                  | 1.0                                     | 244.4 | 0.000 | 0.500 | 1.000 |
| r62j                    | 68.2                    | o59y                    | 1.0                                   | 0.589 | 0.0                    | 67.2                                    | 1.000 | 0.625 | 0.000 |                         | g81b                    | 248.2                   | c27v                                  | 0.0   | 0.732                  | 1.0                                     | 251.2 | 0.000 | 0.375 | 1.000 |
| r74j                    | 76.1                    | o68y                    | 1.0                                   | 0.675 | 0.0                    | 75.6                                    | 1.000 | 0.750 | 0.000 |                         | g87b                    | 256.1                   | c30v                                  | 0.0   | 0.697                  | 1.0                                     | 258.0 | 0.000 | 0.250 | 1.000 |
| r87j                    | 83.4                    | o76y                    | 1.0                                   | 0.762 | 0.0                    | 84.0                                    | 1.000 | 0.875 | 0.000 |                         | g93b                    | 263.4                   | c34v                                  | 0.0   | 0.658                  | 1.0                                     | 264.9 | 0.000 | 0.125 | 1.000 |
| j00g                    | 90.0                    | o86y                    | 1.0                                   | 0.856 | 0.0                    | 92.3                                    | 1.000 | 1.000 | 0.000 |                         | b00r                    | 270.0                   | c39v                                  | 0.0   | 0.613                  | 1.0                                     | 271.7 | 0.000 | 0.000 | 1.000 |
| j12g                    | 96.6                    | o97y                    | 1.0                                   | 0.971 | 0.0                    | 101.1                                   | 0.875 | 1.000 | 0.000 | Y                       | b06r                    | 276.6                   | c44v                                  | 0.0   | 0.558                  | 1.0                                     | 278.8 | 0.125 | 0.000 | 1.000 |
| j25g                    | 103.9                   | y11l                    | 0.891                                 | 1.0   | 0.0                    | 109.8                                   | 0.750 | 1.000 | 0.000 |                         | b12r                    | 283.9                   | c51v                                  | 0.0   | 0.489                  | 1.0                                     | 286.0 | 0.250 | 0.000 | 1.000 |
| j37g                    | 111.8                   | y26l                    | 0.736                                 | 1.0   | 0.0                    | 118.5                                   | 0.625 | 1.000 | 0.000 |                         | b18r                    | 291.8                   | c60v                                  | 0.0   | 0.4                    | 1.0                                     | 293.1 | 0.375 | 0.000 | 1.000 |
| j50g                    | 120.0                   | y46l                    | 0.537                                 | 1.0   | 0.0                    | 127.3                                   | 0.500 | 1.000 | 0.000 |                         | b24r                    | 300.0                   | c73v                                  | 0.0   | 0.265                  | 1.0                                     | 300.2 | 0.500 | 0.000 | 1.000 |
| j62g                    | 128.2                   | y94l                    | 0.061                                 | 1.0   | 0.0                    | 136.0                                   | 0.375 | 1.000 | 0.000 | L                       | b31r                    | 308.2                   | v26m                                  | 0.262 | 0.0                    | 1.0                                     | 307.3 | 0.625 | 0.000 | 1.000 |
| j74g                    | 136.1                   | l41c                    | 0.0                                   | 1.0   | 0.411                  | 144.7                                   | 0.250 | 1.000 | 0.000 |                         | b37r                    | 316.1                   | v61m                                  | 0.614 | 0.0                    | 1.0                                     | 314.4 | 0.750 | 0.000 | 1.000 |
| j87g                    | 143.4                   | l59c                    | 0.0                                   | 1.0   | 0.586                  | 153.5                                   | 0.125 | 1.000 | 0.000 |                         | b43r                    | 323.4                   | v83m                                  | 0.828 | 0.0                    | 1.0                                     | 321.5 | 0.875 | 0.000 | 1.000 |
| g00b                    | 150.0                   | l71c                    | 0.0                                   | 1.0   | 0.71                   | 162.2                                   | 0.000 | 1.000 | 0.000 |                         | b50r                    | 330.0                   | m01o                                  | 1.0   | 0.0                    | 0.99                                    | 328.6 | 1.000 | 0.000 | 1.000 |
| g06b                    | 156.6                   | l79c                    | 0.0                                   | 1.0   | 0.787                  | 169.1                                   | 0.000 | 1.000 | 0.125 |                         | b56r                    | 336.6                   | m15o                                  | 1.0   | 0.0                    | 0.845                                   | 335.7 | 1.000 | 0.000 | 0.875 |
| g12b                    | 163.9                   | l85c                    | 0.0                                   | 1.0   | 0.85                   | 175.9                                   | 0.000 | 1.000 | 0.250 |                         | b62r                    | 343.9                   | m27o                                  | 1.0   | 0.0                    | 0.735                                   | 342.8 | 1.000 | 0.000 | 0.750 |
| g18b                    | 171.8                   | l91c                    | 0.0                                   | 1.0   | 0.906                  | 182.8                                   | 0.000 | 1.000 | 0.375 |                         | b68r                    | 351.8                   | m36o                                  | 1.0   | 0.0                    | 0.643                                   | 349.9 | 1.000 | 0.000 | 0.625 |
| g25b                    | 180.0                   | l96c                    | 0.0                                   | 1.0   | 0.956                  | 189.6                                   | 0.000 | 1.000 | 0.500 | C                       | b75r                    | 0.0                     | m44o                                  | 1.0   | 0.0                    | 0.563                                   | 357.0 | 1.000 | 0.000 | 0.500 |
| g31b                    | 188.2                   | c00v                    | 0.0                                   | 1.0   | 1.0                    | 196.4                                   | 0.000 | 1.000 | 0.625 |                         | b81r                    | 8.2                     | m62o                                  | 1.0   | 0.0                    | 0.375                                   | 4.2   | 1.000 | 0.000 | 0.375 |
| g37b                    | 196.1                   | c04v                    | 0.0                                   | 0.959 | 1.0                    | 203.3                                   | 0.000 | 1.000 | 0.750 |                         | b87r                    | 16.1                    | m62o                                  | 1.0   | 0.0                    | 0.375                                   | 11.3  | 1.000 | 0.000 | 0.250 |
| g43b                    | 203.4                   | c08v                    | 0.0                                   | 0.923 | 1.0                    | 210.1                                   | 0.000 | 1.000 | 0.875 |                         | b93r                    | 23.4                    | m75o                                  | 1.0   | 0.0                    | 0.25                                    | 18.4  | 1.000 | 0.000 | 0.125 |