

Input: Colorimetric Offset Reflective System ORS18a

with lab^*rgb^* data of the

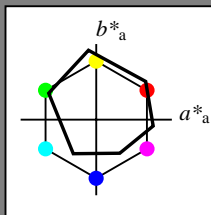
four elementary hues

1 0 0 = Red $R = j00r$

1 1 0 = Yellow $J = j00g$

0 1 0 = Green $G = g00b$

0 0 1 = Blue $B = b00r$



| ORS18a; adapted (a) CIELAB data | | | | | |
|---------------------------------|-------------|---------|---------|--------------|--------------|
| | $L^*=L_a^*$ | a_a^* | b_a^* | $C_{ab,a}^*$ | $h_{ab,a}^*$ |
| O _{Ma} | 47.94 | 65.39 | 50.52 | 82.63 | 38 |
| Y _{Ma} | 90.37 | -10.26 | 91.75 | 92.32 | 96 |
| L _{Ma} | 50.9 | -62.83 | 34.96 | 71.91 | 151 |
| C _{Ma} | 58.62 | -30.34 | -45.01 | 54.3 | 236 |
| V _{Ma} | 25.72 | 31.1 | -44.4 | 54.22 | 305 |
| M _{Ma} | 48.13 | 75.28 | -8.36 | 75.74 | 354 |
| N _{Ma} | 18.01 | 0.0 | 0.0 | 0.0 | 0 |
| W _{Ma} | 95.41 | 0.0 | 0.0 | 0.0 | 0 |
| R _{CIE} | 39.92 | 58.66 | 26.98 | 64.57 | 25 |
| J _{CIE} | 81.26 | -2.16 | 67.76 | 67.79 | 92 |
| G _{CIE} | 52.23 | -42.25 | 11.76 | 43.87 | 164 |
| B _{CIE} | 30.57 | 1.15 | -46.84 | 46.86 | 271 |

Output: Colorimetric Offset Reflective System ORS18a

with hue number and hue text

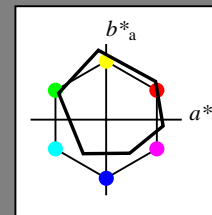
$n = 00$ to 19

00 = Red $R = r00j$

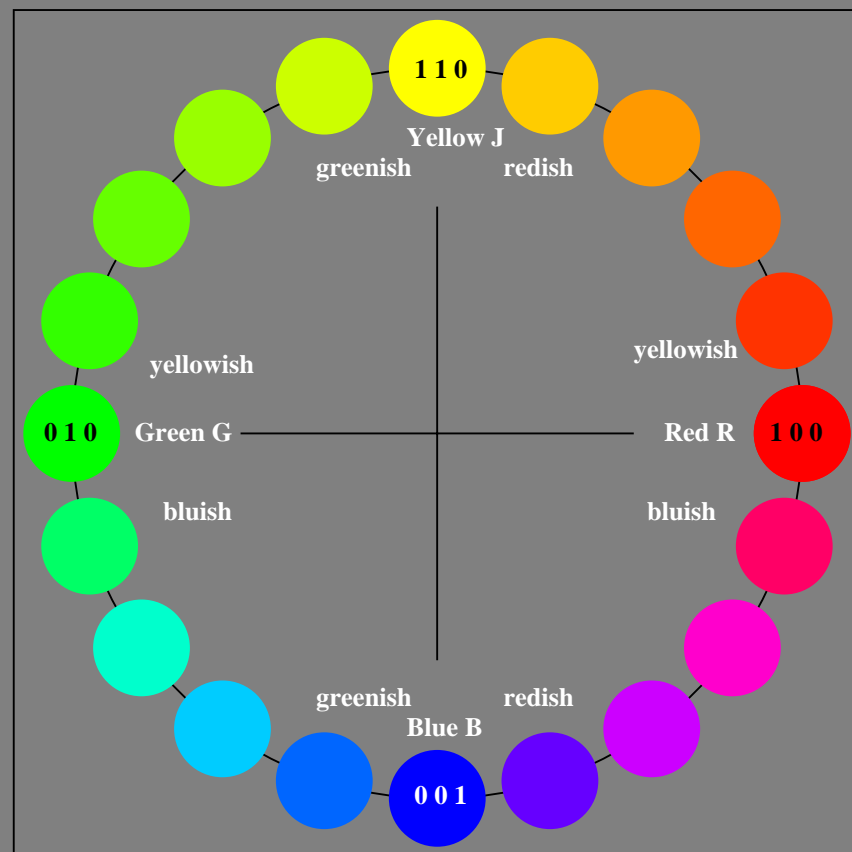
05 = Yellow $J = j00g$

10 = Green $G = g00b$

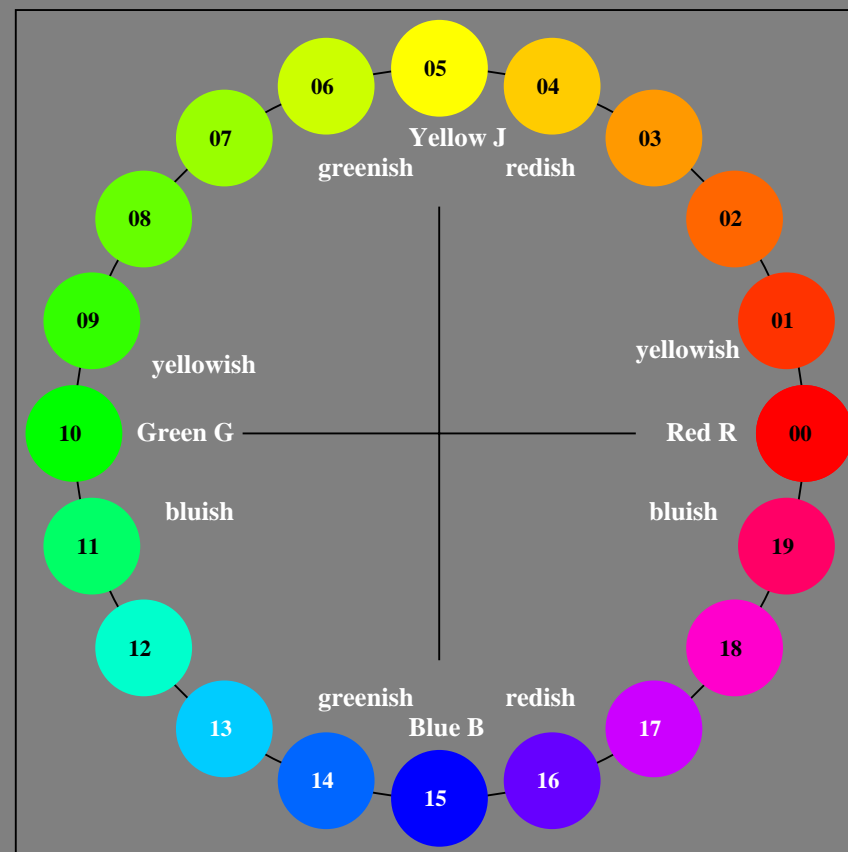
15 = Blue $B = b00r$



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De650-7N, 20 step hue circle with elementary colours R, J, G, B (left)



20 step hue circle with elementary colours R, J, G, B (right)