

$XYZ_W=96.42, 100.0, 82.49$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} B_c [z / y]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 1,000$

$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (o), $C_{AB,2} = \text{const}$

colour space ($C_{AB,2}, L^*_{TUR}$)

$L^*_{TUR} = 50 + 40[Y_r / \log(5)]$

Illumin. D50, $Y_W=90.0, Y_N=3.6$

| Name | Range | X | Y | Z | x | y | λ_d | λ_c | a_2 | b_2 | A_2 | B_2 | $C_{AB,2}$ | $h_{AB,2}$ | Y_r | L^*_{CIE} | L^*_{Tur} | L^*_{Tur} | L^*_{Tar} | |
|------|---------|-------|-------|-------|-------|-------|-------------|-------------|-------|--------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|-------|
| R | 570_775 | 53.58 | 34.33 | 2.71 | 0.591 | 0.378 | 598 | 491 | 1.27 | -0.031 | 0.581 | 52.5 | 25.6 | 58.5 | 25 | 1.9 | 15.2 | 15.8 | 16.0 | 13.6 |
| Y | 496_775 | 67.74 | 76.35 | 5.98 | 0.451 | 0.508 | 573 | 468 | 0.67 | -0.031 | 0.299 | 2.5 | 57.0 | 57.0 | 87 | 4.24 | 40.0 | 40.9 | 35.9 | 27.8 |
| G | 496_570 | 17.28 | 45.26 | 5.95 | 0.252 | 0.66 | 538 | 538 | 0.215 | -0.052 | 0.521 | -50.0 | 31.3 | 59.0 | 147 | 2.5 | 23.0 | 23.8 | 22.9 | 19.0 |
| C | 380_570 | 27.64 | 49.9 | 66.78 | 0.191 | 0.345 | 491 | 598 | 0.235 | -0.535 | 0.468 | -52.5 | -25.6 | 58.5 | 205 | 2.7 | 26.0 | 26.7 | 25.3 | 20.7 |
| B | 380_496 | 13.48 | 7.88 | 63.5 | 0.158 | 0.092 | 468 | 573 | 0.526 | -3.223 | 2.896 | -2.5 | -57.0 | 57.0 | 267 | 0.43 | -16.2 | -15.9 | -20.5 | -17.2 |
| M | 570_496 | 63.94 | 38.97 | 63.54 | 0.384 | 0.234 | 538 | 538 | 1.17 | -0.652 | 0.606 | 0.0 | -31.3 | 59.0 | 327 | 2.16 | 18.7 | 19.4 | 19.2 | 16.1 |
| W | 380_775 | 86.78 | 90.0 | 74.24 | 0.345 | 0.358 | 90% | | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| N | 380_775 | 3.47 | 3.6 | 2.96 | 0.345 | 0.358 | 3% | | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 181 | 0.19 | -27.6 | -27.4 | -40.0 | -30.1 |
| U | 380_775 | 17.35 | 18.0 | 14.84 | 0.345 | 0.358 | 18% | | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 185 | 1.0 | -0.4 | 0.0 | 0.0 | 0.0 |

