

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

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

Farbenraum ($C_{AB,2}, L_{Clr}^*$)

$L_{Clr}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$

Lichtart D50, $Y_W=72.0, Y_N=4.5$

| Name | Bereich | X | Y | Z | x | y | λ_d | λ_c | a_2 | b_2 | c_2 | A_2 | B_2 | $C_{AB,2}$ | $h_{AB,2}$ | Y_r | L_{CIE}^* | L_{Clr}^* | L_{Tur}^* | L_{Tar}^* |
|-------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|-------|-------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|
| R_n | 570_775 | 43.32 | 28.34 | 3.37 | 0.577 | 0.377598 | 491 | 1.237 | -0.047 | 0.645 | 41.0 | 20.0 | 45.7 | 25 | 1.57 | 60.2 | 60.8 | 61.2 | 59.7 | |
| Y_n | 496_775 | 54.39 | 61.17 | 5.93 | 0.447 | 0.503573 | 468 | 0.67 | -0.038 | 0.291 | 2.0 | 44.5 | 44.5 | 87 | 3.39 | 82.4 | 83.3 | 80.4 | 74.3 | |
| G_n | 496_570 | 14.96 | 36.87 | 5.9 | 0.259 | 0.638538 | 538 | 0.233 | -0.064 | 0.5 | -39.0 | 24.5 | 46.1 | 147 | 2.04 | 67.1 | 67.8 | 67.8 | 65.0 | |
| C_n | 380_570 | 23.06 | 40.5 | 53.42 | 0.197 | 0.346491 | 598 | 0.251 | -0.527 | 0.451 | -41.0 | -20.0 | 45.7 | 205 | 2.25 | 69.8 | 70.5 | 70.1 | 66.9 | |
| B_n | 380_496 | 11.99 | 7.67 | 50.86 | 0.17 | 0.108468 | 573 | 0.552 | -2.65 | 2.323 | -2.0 | -44.5 | 44.5 | 267 | 0.42 | 33.3 | 33.6 | 28.8 | 32.2 | |
| M_n | 570_496 | 51.41 | 31.97 | 50.89 | 0.382 | 0.238538 | 538 | 1.146 | -0.636 | 0.577 | 39.0 | -24.5 | 46.1 | 327 | 1.77 | 63.3 | 63.9 | 64.2 | 62.2 | |
| W_n | 380_775 | 69.42 | 72.0 | 59.39 | 0.345 | 0.358 | 72% | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.0 | 87.9 | 88.8 | 84.4 | 76.9 | |
| N_n | 380_775 | 4.33 | 4.5 | 3.71 | 0.345 | 0.358 | 4% | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 180 | 0.25 | 25.2 | 25.5 | 15.5 | 23.0 |
| U_n | 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 | 0 | 192 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |

