

$XYZ_W = 95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

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

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

$L_{CIE}^* = 116(Y/100)^{1/3} - 16$ ($Y > 0,8856$) oder

$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$

Lichtart D65, $Y_W = 90,0, Y_N = 3,6$

| 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_{CIE}^* | L_{Tur}^* | L_{Tar}^* |
|-------|---------|-------|-------|-------|-------|-------|-------------|-------------|-------|--------|-------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|
| R_n | 567_775 | 49.44 | 32.71 | 3.56 | 0.576 | 0.381 | 596 | 489 | 1.223 | -0.034 | 0.683 | 49.6 | 25.6 | 55.8 | 27 | 1.81 | 63.9 | 64.5 | 64.8 | 62.6 |
| Y_n | 493_775 | 63.04 | 76.53 | 8.77 | 0.424 | 0.515 | 570 | 463 | 0.61 | -0.036 | 0.311 | -1.0 | 59.6 | 59.6 | 91 | 4.25 | 90.1 | 91.0 | 85.9 | 77.8 |
| G_n | 493_567 | 16.67 | 47.05 | 8.74 | 0.23 | 0.649 | 535 | 40.184 | | -0.059 | 0.519 | -50.7 | 33.9 | 61.0 | 146 | 2.61 | 74.2 | 74.9 | 73.8 | 69.7 |
| C_n | 380_567 | 30.61 | 51.52 | 88.16 | 0.179 | 0.302 | 489 | 596 | 0.23 | -0.547 | 0.433 | -49.6 | -25.6 | 55.8 | 207 | 2.86 | 76.9 | 77.7 | 76.1 | 71.3 |
| B_n | 380_493 | 17.01 | 7.7 | 82.95 | 0.158 | 0.071 | 463 | 570 | 0.671 | -3.444 | 3.096 | 1.0 | -59.6 | 59.6 | 271 | 0.42 | 33.3 | 33.7 | 28.9 | 32.3 |
| M_n | 567_493 | 63.38 | 37.18 | 82.98 | 0.345 | 0.202 | 535 | 535 | 1.161 | -0.714 | 0.656 | 50.7 | -33.9 | 61.0 | 326 | 2.06 | 67.4 | 68.0 | 68.0 | 65.2 |
| W_n | 380_775 | 85.53 | 90.0 | 98.0 | 0.312 | 0.329 | 90% | | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 95.9 | 96.9 | 90.0 | 80.1 |
| N_n | 380_775 | 3.42 | 3.6 | 3.92 | 0.312 | 0.329 | 3% | | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.19 | 22.3 | 22.5 | 9.9 | 19.8 |
| U_n | 380_775 | 17.1 | 18.0 | 19.6 | 0.312 | 0.329 | 18% | | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 184 | 1.0 | 49.5 | 50.0 | 50.0 | 50.0 |