

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

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

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

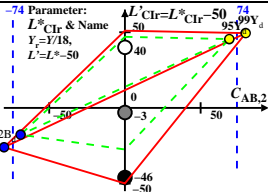
$L^*_{Clr} = L^*_{CIE}(Y) / L^*_{CIE}(18)$

-74 Parameter:

L^*_{Clr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Lichtart A00, $Y_W=90.0, Y_N=3.6$

| 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'_{Clr} | L'_{Tur} | L'_{Tar} |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|-------|------------|------------|-------|-------------|------------|------------|------------|
| R _n | 579_775 | 72.97 | 40.76 | 1.31 | 0.634 | 0.354605 | 499 | 1.479 | -0.032 | 0.727 | 66.3 | 32.9 | 74.0 | 26 | 2.26 | 20.0 | 20.7 | 20.3 | 17.0 | |
| Y _n | 504_775 | 94.21 | 86.52 | 3.29 | 0.511 | 0.47 | 581 | 474 | 0.854 | -0.038 | 0.318 | 5.7 | 68.7 | 68.9 | 85 | 4.8 | 44.5 | 45.4 | 39.0 | 29.6 |
| G _n | 504_579 | 25.19 | 49.36 | 3.26 | 0.323 | 0.634547 | 547 | 40.337 | -0.066 | 0.57 | -60.6 | 35.7 | 70.3 | 149 | 2.74 | 25.6 | 26.4 | 25.0 | 20.6 | |
| C _n | 380_579 | 29.84 | 52.83 | 31.98 | 0.26 | 0.46 | 499 | 605 | 0.326 | -0.605 | 0.561 | -66.3 | -32.9 | 74.0 | 206 | 2.93 | 27.7 | 28.5 | 26.7 | 21.8 |
| B _n | 380_504 | 8.6 | 7.07 | 30.0 | 0.188 | 0.154474 | 581 | 0.505 | -4.241 | 3.898 | -5.7 | -68.7 | 68.9 | 265 | 0.39 | -18.0 | -17.6 | -23.2 | -19.2 | |
| M _n | 579_504 | 77.62 | 44.23 | 30.04 | 0.51 | 0.291547 | 547 | 1.376 | -0.679 | 0.636 | 60.6 | -35.7 | 70.3 | 329 | 2.45 | 22.3 | 23.1 | 22.3 | 18.5 | |
| W _n | 380_775 | 98.86 | 89.99 | 32.02 | 0.447 | 0.407 | 90% | | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.99 | 45.9 | 46.9 | 40.0 | 30.1 |
| N _d | 380_775 | 3.95 | 3.59 | 1.28 | 0.447 | 0.407 | 3% | | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 181 | 0.19 | -27.6 | -27.4 | -40.0 | -30.1 |
| U _d | 380_775 | 19.77 | 17.99 | 6.4 | 0.447 | 0.407 | 18% | | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 1.0 | -0.4 | 0.0 | 0.0 | 0.0 |