

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

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

$L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y/18, x = \log[Y_r]$

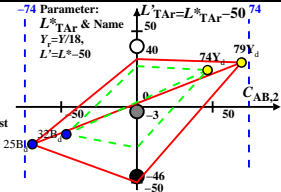
Lichtart D65, $Y_W=72.0, Y_N=4.5$

-74 Parameter:

L^*_{TAr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$



| 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'_{Cl} | L'_{TAr} | L'_{TAr} |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|-------|------------|------------|-------|------------|-----------|------------|------------|
| R | 567_775 | 40.07 | 27.07 | 4.43 | 0.559 | 0.378596 | 489 | 1.189 | -0.052 | 0.645 | 38.7 | 20.0 | 43.6 | 27 | 1.5 | 9.0 | 9.6 | 10.1 | 8.7 | |
| Y _o | 493_775 | 50.69 | 61.31 | 8.51 | 0.42 | 0.508570 | 463 | 0.61 | -0.044 | 0.304 | -0.8 | 46.6 | 46.6 | 91 | 3.4 | 32.5 | 33.3 | 30.4 | 24.3 | |
| G | 493_567 | 14.47 | 38.28 | 8.48 | 0.236 | 0.625535 | 535 | 0.202 | -0.07 | 0.498 | -39.6 | 26.5 | 47.7 | 146 | 2.12 | 18.2 | 18.9 | 18.7 | 15.8 | |
| C _o | 380_567 | 25.36 | 41.77 | 70.53 | 0.184 | 0.303489 | 596 | 0.244 | -0.54 | 0.418 | -38.7 | -20.0 | 43.6 | 207 | 2.32 | 20.7 | 21.4 | 20.9 | 17.5 | |
| B | 380_493 | 14.73 | 7.53 | 66.45 | 0.166 | 0.084463 | 570 | 0.66 | -2.82 | 2.472 | 0.8 | -46.6 | 46.6 | 271 | 0.41 | -16.9 | -16.6 | -21.6 | -18.0 | |
| M | 567_493 | 50.96 | 30.56 | 66.48 | 0.344 | 0.206535 | 535 | 1.134 | -0.696 | 0.624 | 39.6 | -26.5 | 47.7 | 326 | 1.69 | 12.1 | 12.7 | 13.1 | 11.3 | |
| W _o | 380_775 | 68.43 | 72.0 | 78.4 | 0.312 | 0.329 | 72% | | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 4.0 | 37.9 | 38.8 | 34.4 | 26.9 |
| N _d | 380_775 | 4.27 | 4.5 | 4.9 | 0.312 | 0.329 | 4% | | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.25 | -24.7 | -24.4 | -34.4 | -26.9 |
| U _d | 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 | 180 | 1.0 | -0.4 | 0.0 | 0.0 | 0.0 |