$XYZ_W$=109.84 , 99.99 , 35.58

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 2{,}500$

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

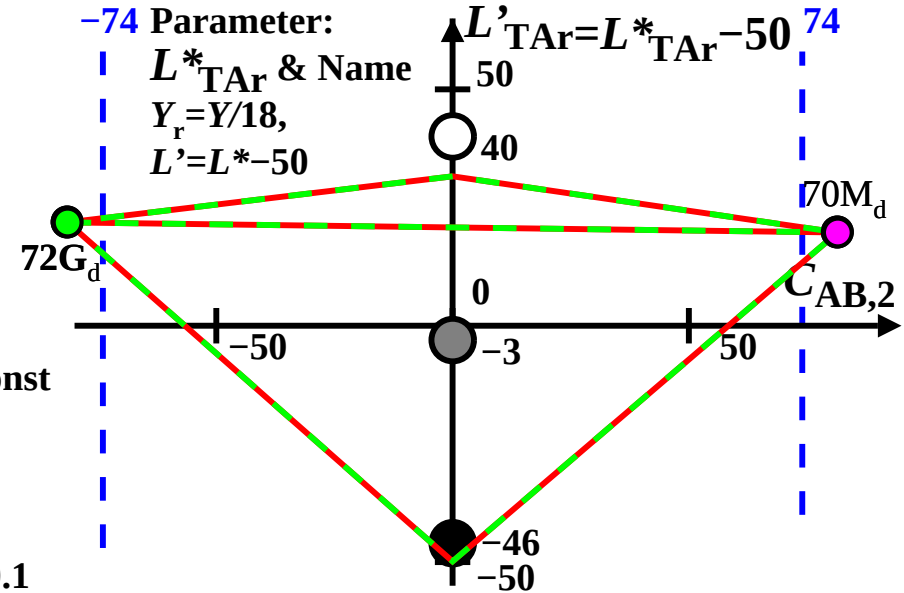
6 *Ostwald*-Farben (o), $C_{AB,2}$=const

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 A00, $Y_W$=100.0 , $Y_N$=0.1




| Name | Bereich | $X$ | $Y$ | $Z$ | $x$ | $y$ | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{CIr}$ | $L'_{TUr}$ | $L'_{TAr}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $R_o$ | 579_775 | 79.88 | 43.01 | 0.04 | 0.649 | 0.349 | 605 | 499 | 1.542 | −0.001 | 0.797 | 76.7 | 38.1 | 85.7 | 26 | 2.38 | 21.5 | 22.2 | 21.6 | 18.0 |
| $Y_o$ | 504_775 | 104.47 | 95.97 | 2.33 | 0.515 | 0.473 | 581 | 474 | 0.856 | −0.024 | 0.332 | 6.6 | 79.5 | 79.8 | 85 | 5.33 | 48.4 | 49.4 | 41.5 | 31.0 |
| $G_o$ | 504_579 | 24.59 | 52.96 | 2.29 | 0.307 | 0.663 | 547 | 547c | 0.298 | −0.043 | 0.615 | −70.1 | 41.3 | 81.4 | 149 | 2.94 | 27.8 | 28.6 | 26.8 | 21.8 |
| $C_o$ | 380_579 | 29.97 | 56.99 | 35.54 | 0.244 | 0.465 | 499 | 605 | 0.289 | −0.623 | 0.601 | −76.7 | −38.1 | 85.7 | 206 | 3.16 | 30.1 | 30.9 | 28.6 | 23.1 |
| $B_o$ | 380_504 | 5.38 | 4.03 | 33.24 | 0.126 | 0.094 | 474 | 581 | 0.172 | −8.246 | 7.917 | −6.6 | −79.5 | 79.8 | 265 | 0.22 | −26.2 | −25.9 | −37.1 | −28.5 |
| $M_o$ | 579_504 | 85.26 | 47.04 | 33.28 | 0.514 | 0.284 | 547c | 547 | 1.425 | −0.707 | 0.692 | 70.1 | −41.3 | 81.4 | 329 | 2.61 | 24.2 | 24.9 | 23.8 | 19.7 |
| $W_d$ | 380_775 | 109.84 | 99.99 | 35.58 | 0.447 | 0.407 | 100% | | 0.828 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0 | 5.55 | 50.0 | 51.0 | 42.6 | 31.5 |
| $N_d$ | 380_775 | 0.01 | 0.0 | 0.0 | 0.445 | 0.405 | 0% | | 0.827 | −0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 180 | 0.0 | −49.9 | −49.9 | −186.2 | −49.8 |
| $U_d$ | 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 |

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