

$XYZ_{W,10} = 116.54, 99.99, 26.13$

$A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$

$b_{2,10} = b_{20} [z_{10} / y_{10}]$

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

$x_c = 0,110, B_c = 3,700$

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 Ostwald-Farben (o)

von maximalem (m) $C_{AB,10}$ im

linearen Farbenraum ($C_{AB,2,10}$)

Lichtart P25, $Y_{W,10} = 100, Y_{N,10} = 10$

Name Bereich $X_{d,10}$ $Y_{d,10}$ $Z_{d,10}$ $x_{d,10}$ $y_{d,10}$ λ_d λ_c

R_d 578_775 89.16 52.06 2.63 0.6197 0.3619 605 495

Y_d 500_775 113.0295.19 3.75 0.5332 0.449 580 473

G_d 500_578 35.63 53.22 3.75 0.3847 0.5747 547 547c

C_d 380_578 39.16 58.04 26.14 0.3175 0.4705 495 605

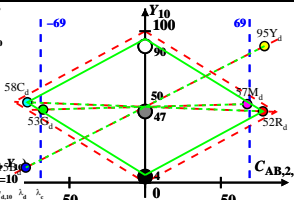
B_d 380_500 15.3 14.91 25.03 0.2769 0.2699 473 580

M_d 578_500 92.69 56.88 25.03 0.5308 0.3257 547c 547

W_d 380_775 116.5499.99 26.13 0.4802 0.412 100%

N_d 380_775 11.65 9.99 2.61 0.4802 0.412 10%

Z_d 380_775 20.97 17.99 4.7 0.4802 0.412 18%



Parameter:
 Y_{10} & Name
 Lichtart P25
 $Y_{W,10} = 100, Y_{N,10} = 10$