

$XYZ_{W,10}=99.99, 99.99, 100.0$

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

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

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

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

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

$x_c = 0,110, B_c = 0,900$

$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

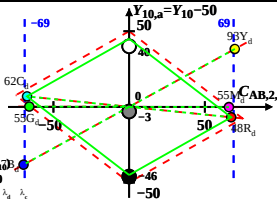
6 Ostwald-Farben (o)

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

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

Lichtart E00,  $Y_{W,10}=100, Y_{N,10}=10$

| Name  | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 564_775 | 69.56      | 48.14      | 10.1       | 0.5442     | 0.3767     | 594         | 482         |
| $Y_d$ | 487_775 | 84.85      | 93.29      | 15.74      | 0.4376     | 0.4811     | 568         | 459         |
| $G_d$ | 487_564 | 25.39      | 55.24      | 15.74      | 0.2634     | 0.5731     | 530         | 530c        |
| $C_d$ | 380_564 | 40.53      | 61.96      | 100.01     | 0.2001     | 0.3059     | 482         | 594         |
| $B_d$ | 380_487 | 25.24      | 16.81      | 94.37      | 0.185      | 0.1232     | 459         | 568         |
| $M_d$ | 564_487 | 84.7       | 54.86      | 94.37      | 0.362      | 0.2345     | 530c        | 530         |
| $W_d$ | 380_775 | 99.99      | 99.99      | 100.0      | 0.3333     | 0.3333     | 100%        |             |
| $N_d$ | 380_775 | 9.99       | 9.99       | 10.0       | 0.3333     | 0.3333     | 10%         |             |
| $Z_d$ | 380_775 | 17.99      | 17.99      | 18.0       | 0.3333     | 0.3333     | 18%         |             |



Parameter:

$Y_{10}$  & Name

Lichtart E00

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