$XYZ_{W,10}$=97.65 , 100.0 , 118.42

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 0{,}700$

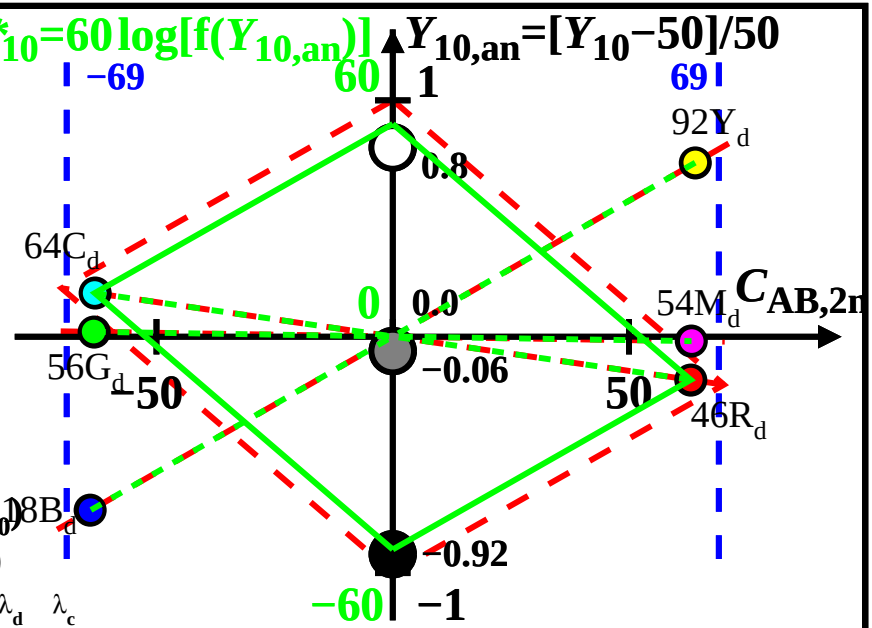
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart Q00, $Y_{W,10}$=100, $Y_{N,10}$=10




| Name | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 561_775 | 64.58 | 45.87 | 11.96 | 0.5275 | 0.3747 | 593 | 481 |
| $Y_d$ | 486_775 | 79.49 | 91.81 | 17.34 | 0.4213 | 0.4866 | 566 | 459 |
| $G_d$ | 486_561 | 24.77 | 56.03 | 17.34 | 0.2523 | 0.5709 | 530 | 530c |
| $C_d$ | 380_561 | 42.93 | 64.23 | 118.43 | 0.1903 | 0.2847 | 481 | 593 |
| $B_d$ | 380_486 | 28.02 | 18.29 | 113.05 | 0.1758 | 0.1148 | 459 | 566 |
| $M_d$ | 561_486 | 82.75 | 54.07 | 113.05 | 0.3311 | 0.2163 | 530c | 530 |
| $W_d$ | 380_775 | 97.65 | 100.0 | 118.42 | 0.3089 | 0.3163 | 100% | |
| $N_d$ | 380_775 | 9.76 | 10.0 | 11.84 | 0.3089 | 0.3163 | 10% | |
| $Z_d$ | 380_775 | 17.57 | 18.0 | 21.31 | 0.3089 | 0.3163 | 18% | |

$f(Y_{10,an})=\pm[1+10\ |Y_{10,an}|^n]$

*n* nähert sich 1 für:

1. abnehmendem Kontrast *C*
2. aneinandergrenzende / separate Farben.

**Parameter:**

$Y_{10}$ & Name

Lichtart Q00

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

BGQ71−8A