$XYZ_{W,10}$=101.75 , 100.0 , 64.44

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}300$

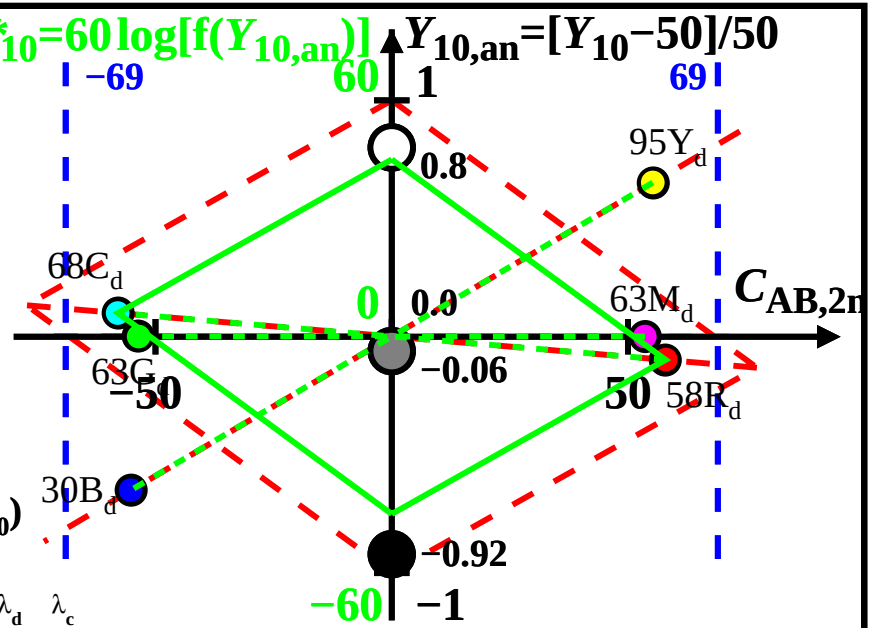
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald*-Farben (o)

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

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

Lichtart P40, $Y_{W,10}$=100, $Y_{N,10}$=25




| Name | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 569_775 | 79.02 | 57.61 | 16.17 | 0.5171 | 0.3769 | 597 | 487 |
| $Y_d$ | 492_775 | 93.93 | 95.1 | 18.98 | 0.4515 | 0.4571 | 572 | 465 |
| $G_d$ | 492_569 | 40.44 | 62.59 | 18.98 | 0.3314 | 0.5129 | 535 | 535c |
| $C_d$ | 380_569 | 48.28 | 67.51 | 64.46 | 0.2678 | 0.3745 | 487 | 597 |
| $B_d$ | 380_492 | 33.38 | 30.02 | 61.65 | 0.2669 | 0.24 | 465 | 572 |
| $M_d$ | 569_492 | 86.87 | 62.53 | 61.65 | 0.4115 | 0.2962 | 535c | 535 |
| $W_d$ | 380_775 | 101.75 | 100.0 | 64.44 | 0.3822 | 0.3756 | 100% | |
| $N_d$ | 380_775 | 25.43 | 25.0 | 16.11 | 0.3822 | 0.3756 | 25% | |
| $Z_d$ | 380_775 | 18.31 | 18.0 | 11.6 | 0.3822 | 0.3756 | 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 P40

$Y_{W,10}$=100, $Y_{N,10}$=25

BGQ31−5A