$XYZ_{W,10}$=111.15 , 99.99 , 35.19

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

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

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

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

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

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

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

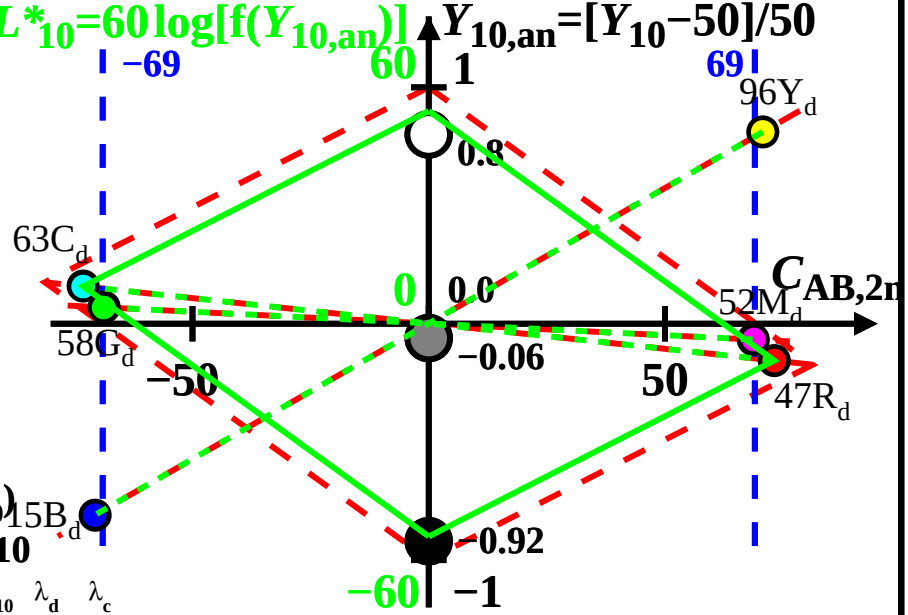
6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in

linear colour space ($C_{AB,2,10}$, $Y_{10}$)

Illumin. A00, $Y_{W,10}$=100, $Y_{N,10}$=10

| Name | Range | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|---|---|---|---|---|---|---|---|---|
| $R_d$ | 575_775 | 80.27 | 47.2 | 3.55 | 0.6126 | 0.3602 | 606 | 493 |
| $Y_d$ | 498_775 | 106.28 | 95.57 | 5.53 | 0.5124 | 0.4608 | 577 | 469 |
| $G_d$ | 498_575 | 37.23 | 58.46 | 5.53 | 0.3677 | 0.5775 | 546 | 546c |
| $C_d$ | 380_575 | 42.11 | 62.9 | 35.2 | 0.3003 | 0.4485 | 493 | 606 |
| $B_d$ | 380_498 | 16.1 | 14.53 | 33.22 | 0.2522 | 0.2275 | 469 | 577 |
| $M_d$ | 575_498 | 85.15 | 51.64 | 33.22 | 0.5008 | 0.3037 | 546c | 546 |
| $W_d$ | 380_775 | 111.15 | 99.99 | 35.19 | 0.4511 | 0.4059 | 100% | |
| $N_d$ | 380_775 | 11.11 | 9.99 | 3.51 | 0.4511 | 0.4059 | 10% | |
| $Z_d$ | 380_775 | 20.0 | 18.0 | 6.33 | 0.4511 | 0.4059 | 18% | |




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

*n* increases to 1 for:

1. decreasing of the contrast *C*
2. adjacent compared to separate colours.

**Parameter:**

**$Y_{10}$ & Name**

**Illuminant A00**

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