

$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [ (x - x_c) / y]$

$b_2 = b_{20} [ z / y]$

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

$x_c = 0,110, B_c = 1,300$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

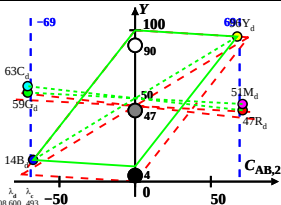
6 Ostwald colours (o)

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

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

Illumin. P40,  $Y_W=100, Y_N=10$

| Name  | Range   | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 573_775 | 73.3   | 47.09 | 6.57  | 0.5773 | 0.3708 | 600         | 493         |
| $Y_d$ | 498_775 | 91.64  | 95.82 | 10.18 | 0.4636 | 0.4848 | 576         | 468         |
| $G_d$ | 498_573 | 28.53  | 58.83 | 10.14 | 0.2925 | 0.6033 | 540         | 540c        |
| $C_d$ | 380_573 | 37.83  | 63.01 | 64.65 | 0.2285 | 0.3807 | 493         | 600         |
| $B_d$ | 380_498 | 19.49  | 14.28 | 61.04 | 0.2055 | 0.1506 | 468         | 576         |
| $M_d$ | 573_498 | 82.6   | 51.27 | 61.08 | 0.4236 | 0.2629 | 540c        | 540         |
| $W_d$ | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100%        |             |
| $N_d$ | 380_775 | 10.09  | 10.0  | 6.46  | 0.3799 | 0.3764 | 10%         |             |
| $Z_d$ | 380_775 | 18.16  | 18.0  | 11.64 | 0.3799 | 0.3764 | 18%         |             |



Parameter:

Y & Name

Illuminant P40

$Y_W=100, Y_N=10$