

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

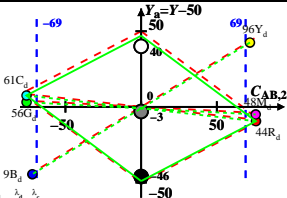
6 Ostwald colours (o)

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

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

Illumin. P40,  $Y_W=100, Y_N=4$

| Name  | Range   | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 573_775 | 71.45  | 43.55 | 2.69  | 0.607  | 0.37   | 600         | 493         |
| $Y_d$ | 498_775 | 91.01  | 95.54 | 6.54  | 0.4713 | 0.4947 | 576         | 468         |
| $G_d$ | 498_573 | 23.69  | 56.08 | 6.5   | 0.2746 | 0.6499 | 540         | 540c        |
| $C_d$ | 380_573 | 33.61  | 60.54 | 64.64 | 0.2116 | 0.3812 | 493         | 600         |
| $B_d$ | 380_498 | 14.05  | 8.56  | 60.79 | 0.1685 | 0.1026 | 468         | 576         |
| $M_d$ | 573_498 | 81.37  | 48.01 | 60.84 | 0.4277 | 0.2524 | 540c        | 540         |
| $W_d$ | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100%        |             |
| $N_d$ | 380_775 | 4.03   | 4.0   | 2.58  | 0.3799 | 0.3764 | 4%          |             |
| $Z_d$ | 380_775 | 18.16  | 18.0  | 11.64 | 0.3799 | 0.3764 | 18%         |             |



Parameter:

$Y$  & Name

Illuminant P40

$Y_W=100, Y_N=4$