

$XYZ_W = 109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

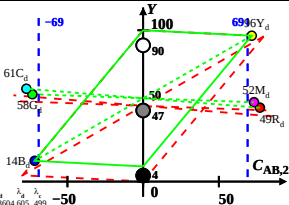
6 Ostwald colours (o)

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

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

Illumin. A00,  $Y_W = 100, Y_N = 10$

| Name  | Range   | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 579_775 | 82.91  | 48.77 | 3.63  | 0.6127 | 0.3604 | 605         | 499         |
| $Y_d$ | 504_775 | 105.02 | 96.39 | 5.69  | 0.507  | 0.4654 | 581         | 474         |
| $G_d$ | 504_579 | 33.2   | 57.71 | 5.65  | 0.3437 | 0.5976 | 547         | 547c        |
| $C_d$ | 380_579 | 38.03  | 61.33 | 35.54 | 0.2819 | 0.4545 | 499         | 605         |
| $B_d$ | 380_504 | 15.93  | 13.71 | 33.48 | 0.2523 | 0.2172 | 474         | 581         |
| $M_d$ | 579_504 | 87.75  | 52.39 | 33.52 | 0.5052 | 0.3016 | 547c        | 547         |
| $W_d$ | 380_775 | 109.84 | 99.99 | 35.58 | 0.4475 | 0.4074 | 100%        |             |
| $N_d$ | 380_775 | 10.98  | 9.99  | 3.55  | 0.4475 | 0.4074 | 10%         |             |
| $Z_d$ | 380_775 | 19.77  | 17.99 | 6.4   | 0.4475 | 0.4074 | 18%         |             |



Parameter:

Y & Name

Illuminant A00

$Y_W = 100, Y_N = 10$