

$XYZ_W = 95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

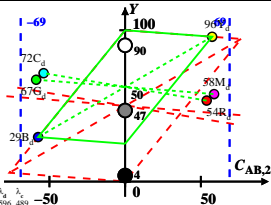
6 Ostwald colours (o)

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

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

Illumin. D65,  $Y_W = 100, Y_N = 25$

| Name           | Range   | $X_d$ | $Y_d$ | $Z_d$  | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|----------------|---------|-------|-------|--------|--------|--------|-------------|-------------|
| R <sub>d</sub> | 567_775 | 68.53 | 53.5  | 27.36  | 0.4587 | 0.3581 | 596         | 489         |
| Y <sub>d</sub> | 493_775 | 81.63 | 95.72 | 32.39  | 0.3892 | 0.4563 | 570         | 463         |
| G <sub>d</sub> | 493_567 | 36.95 | 67.31 | 32.35  | 0.2704 | 0.4927 | 535         | 535c        |
| C <sub>d</sub> | 380_567 | 50.39 | 71.62 | 108.88 | 0.2182 | 0.3101 | 489         | 596         |
| B <sub>d</sub> | 380_493 | 37.28 | 29.4  | 103.85 | 0.2186 | 0.1724 | 463         | 570         |
| M <sub>d</sub> | 567_493 | 81.96 | 57.8  | 103.89 | 0.3363 | 0.2372 | 535c        | 535         |
| W <sub>d</sub> | 380_775 | 95.04 | 100.0 | 108.89 | 0.3127 | 0.329  |             | 100%        |
| N <sub>d</sub> | 380_775 | 23.76 | 25.0  | 27.22  | 0.3127 | 0.329  |             | 25%         |
| Z <sub>d</sub> | 380_775 | 17.1  | 18.0  | 19.6   | 0.3127 | 0.329  |             | 18%         |



Parameter:

Y & Name

Illuminant D65

$Y_W = 100, Y_N = 25$