

$XYZ_w = 100.93, 100.0, 64.68$

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

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

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

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

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

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

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

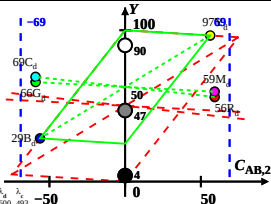
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB,2}, Y$ )

Lichtart P40,  $Y_w = 100, Y_N = 25$

| Name           | Bereich | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|----------------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| R <sub>d</sub> | 573_775 | 77.92  | 55.92 | 16.27 | 0.519  | 0.3725 | 600         | 493         |
| Y <sub>d</sub> | 498_775 | 93.2   | 96.53 | 19.27 | 0.4459 | 0.4618 | 576         | 468         |
| G <sub>d</sub> | 498_573 | 40.61  | 65.71 | 19.24 | 0.3234 | 0.5233 | 540         | 540c        |
| C <sub>d</sub> | 380_573 | 48.36  | 69.19 | 64.67 | 0.2654 | 0.3797 | 493         | 600         |
| B <sub>d</sub> | 380_498 | 33.08  | 28.58 | 61.66 | 0.2682 | 0.2317 | 468         | 576         |
| M <sub>d</sub> | 573_498 | 85.67  | 59.41 | 61.69 | 0.4143 | 0.2873 | 540c        | 540         |
| W <sub>d</sub> | 380_775 | 100.93 | 100.0 | 64.68 | 0.3799 | 0.3764 | 100%        |             |
| N <sub>d</sub> | 380_775 | 25.23  | 25.0  | 16.17 | 0.3799 | 0.3764 | 25%         |             |
| Z <sub>d</sub> | 380_775 | 18.16  | 18.0  | 11.64 | 0.3799 | 0.3764 | 18%         |             |



Parameter:

Y & Name

Lichtart P40

$Y_w = 100, Y_N = 25$