

$XYZ_w = 98.12, 100.0, 86.5$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

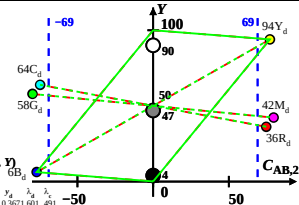
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$

linearen Farbenraum ( $C_{AB2}$ )

Lichtart P50,  $Y_w = 100, Y_N = 0$

| Name  | Bereich | $X_d$ | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|-------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 570_775 | 62.23 | 36.23 | 0.21  | 0.6306 | 0.3671 | 601         | 491         |
| $Y_d$ | 495_775 | 83.94 | 93.94 | 4.2   | 0.4609 | 0.5159 | 573         | 467         |
| $G_d$ | 495_570 | 21.9  | 57.9  | 4.16  | 0.2608 | 0.6895 | 542         | 542c        |
| $C_d$ | 380_570 | 36.08 | 63.96 | 86.46 | 0.1934 | 0.3429 | 491         | 601         |
| $B_d$ | 380_495 | 14.37 | 6.25  | 82.46 | 0.1394 | 0.0607 | 467         | 573         |
| $M_d$ | 570_495 | 76.41 | 42.29 | 82.5  | 0.3797 | 0.2101 | 542c        | 542         |
| $W_d$ | 380_775 | 98.12 | 100.0 | 86.5  | 0.3447 | 0.3513 | 100%        |             |
| $N_d$ | 380_775 | 0.09  | 0.1   | 0.08  | 0.3446 | 0.3512 | 0%          |             |
| $Z_d$ | 380_775 | 17.66 | 18.0  | 15.57 | 0.3447 | 0.3513 | 18%         |             |



Parameter:

Y & Name

Lichtart P50

$Y_w = 100, Y_N = 0$