

$XYZ_W = 98.07, 100.0, 118.22$

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

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

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

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

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

$x_c = 0,110, B_c = 0,700$

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

6 Ostwald-Farben (o)

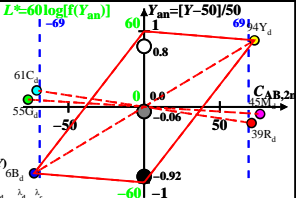
von maximalem (m)  $C_{AB}$

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

Lichtart C00,  $Y_W = 100, Y_N = 0$

| Name           | Bereich | $X_d$ | $Y_d$ | $Z_d$  | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|----------------|---------|-------|-------|--------|--------|--------|-------------|-------------|
| R <sub>d</sub> | 567_775 | 61.25 | 39.34 | 0.28   | 0.6071 | 0.3899 | 596         | 487         |
| Y <sub>d</sub> | 492_775 | 78.47 | 94.03 | 7.15   | 0.4367 | 0.5233 | 571         | 463         |
| G <sub>d</sub> | 492_567 | 17.41 | 54.88 | 7.1    | 0.2192 | 0.6912 | 535         | 535c        |
| C <sub>d</sub> | 380_567 | 37.0  | 60.85 | 118.17 | 0.1713 | 0.2816 | 487         | 596         |
| B <sub>d</sub> | 380_492 | 19.79 | 6.16  | 111.3  | 0.1442 | 0.0449 | 463         | 571         |
| M <sub>d</sub> | 567_492 | 80.85 | 45.31 | 111.35 | 0.3404 | 0.1907 | 535c        | 535         |
| W <sub>d</sub> | 380_775 | 98.07 | 100.0 | 118.22 | 0.31   | 0.3161 | 100%        |             |
| N <sub>d</sub> | 380_775 | 0.09  | 0.1   | 0.11   | 0.3099 | 0.316  | 0%          |             |
| Z <sub>d</sub> | 380_775 | 17.65 | 18.0  | 21.28  | 0.31   | 0.3161 | 18%         |             |

$L^* = 60 \log[f(Y_{an})]$



$f(Y_{an}) = \pm [1 + 10 |Y_{an}|^n]$

$n$  nähert sich 1 für:

1. abnehmendem Kontrast  $C$
2. aneinandergrenzende / separate Farben.

Parameter:

Y & Name

Lichtart C00

$Y_W = 100, Y_N = 0$