

$XYZ_W = 98.07, 100.0, 118.22$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$  im

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

Lichtart C00,  $Y_W = 100, Y_N = 50$

Name Bereich  $X_d$   $Y_d$   $Z_d$   $x_d$   $y_d$   $\lambda_d$   $\lambda_c$

R<sub>d</sub> 567\_775 79.69 69.69 59.25 0.3819 0.334 596 487

Y<sub>d</sub> 492\_775 88.31 97.06 62.69 0.3559 0.3912 571 463

G<sub>d</sub> 492\_567 57.75 77.47 62.66 0.2918 0.3914 535 535c

C<sub>d</sub> 380\_567 67.55 80.45 118.25 0.2537 0.3021 487 596

B<sub>d</sub> 380\_492 58.94 53.08 114.82 0.2598 0.234 463 571

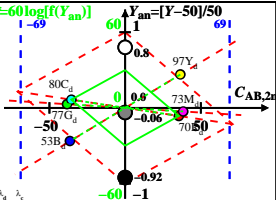
M<sub>d</sub> 567\_492 89.5 72.67 114.84 0.323 0.2623 535c 535

W<sub>d</sub> 380\_775 98.07 100.0 118.22 0.31 0.3161 100%

N<sub>d</sub> 380\_775 49.03 50.0 59.11 0.31 0.3161 50%

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

$Y_W = 100, Y_N = 50$