

$XYZ_W=100.0, 100.0, 100.0$

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

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

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

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

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

$x_c = 0,110, B_c = 0,900$

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

6 Ostwald-Farben (o)

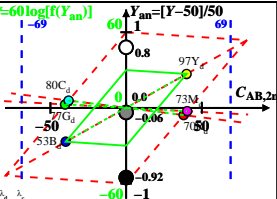
von maximalem (m)  $C_{AB}$

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

Lichtart E00,  $Y_W=100, Y_N=50$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	570_775	82.79	70.26	50.12	0.4074	0.3458	598	489
Y <sub>d</sub>	494_775	91.73	97.45	53.1	0.3786	0.4022	573	463
G <sub>d</sub>	494_570	59.04	77.29	53.07	0.3117	0.408	536	536c
C <sub>d</sub>	380_570	67.35	79.88	100.02	0.2724	0.323	489	598
B <sub>d</sub>	380_494	58.41	52.69	97.05	0.2806	0.2531	463	573
M <sub>d</sub>	570_494	91.1	72.85	97.07	0.349	0.2791	536c	536
W <sub>d</sub>	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N <sub>d</sub>	380_775	50.0	50.0	50.0	0.3333	0.3333	50%	
Z <sub>d</sub>	380_775	18.0	18.0	18.0	0.3333	0.3333	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 E00

$Y_W=100, Y_N=50$