

$XYZ_W = 96.42, 100.0, 82.49$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

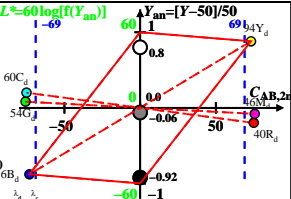
von maximalem (m)  $C_{AB}$

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

Lichtart D50,  $Y_W = 100, Y_N = 0$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	570_775	64.95	40.11	0.21	0.6169	0.381	598	491
Y <sub>d</sub>	496_775	83.13	94.04	4.41	0.4577	0.5178	573	468
G <sub>d</sub>	496_570	18.36	54.13	4.37	0.2389	0.7041	538	538
C <sub>d</sub>	380_570	31.66	60.08	82.44	0.1817	0.3449	491	598
B <sub>d</sub>	380_496	13.48	6.15	78.24	0.1377	0.0628	468	573
M <sub>d</sub>	570_496	78.24	46.06	78.29	0.3862	0.2273	538	538
W <sub>d</sub>	380_775	96.42	100.0	82.49	0.3457	0.3585	100%	
N <sub>d</sub>	380_775	0.09	0.1	0.08	0.3455	0.3583	0%	
Z <sub>d</sub>	380_775	17.35	18.0	14.84	0.3457	0.3585	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 D50

$Y_W = 100, Y_N = 0$