

$XYZ_w = 96.42, 100.0, 82.49$

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

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

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

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

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

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

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

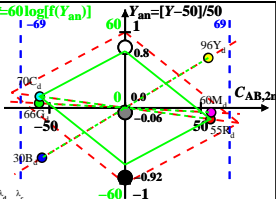
6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$  im  
linearen Farbenraum ( $C_{AB,2r} Y$ )

Lichtart D50,  $Y_w = 100, Y_n = 25$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	570_775	72.82	55.06	20.74	0.4899	0.3704	598	491
Y <sub>d</sub>	496_775	86.46	95.55	23.9	0.4199	0.464	573	468
G <sub>d</sub>	496_570	37.84	65.58	23.86	0.2973	0.5152	538	538c
C <sub>d</sub>	380_570	47.82	70.06	82.48	0.2386	0.3496	491	598
B <sub>d</sub>	380_496	34.18	29.57	79.32	0.2389	0.2066	468	573
M <sub>d</sub>	570_496	82.8	59.53	79.35	0.3734	0.2685	538c	538
W <sub>d</sub>	380_775	96.42	100.0	82.49	0.3457	0.3585	100%	
N <sub>d</sub>	380_775	24.1	25.0	20.62	0.3457	0.3585	25%	
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

$Y_w = 100, Y_n = 25$