

$XYZ_W = 96.42, 100.0, 82.49$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

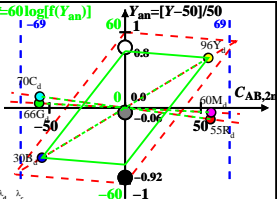
von maximalem (m) C_{AB}

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

Lichtart D50, $Y_W = 100, Y_N = 25$

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

$Y_W = 100, Y_N = 25$