

$XYZ_W = 102.06, 100.0, 81.06$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

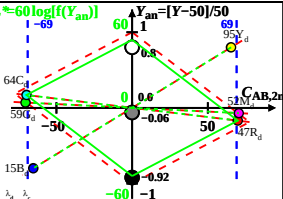
von maximalem (m) C_{AB} im

linearen Farbenraum (C_{AB2}, Y)

Lichtart P00, $Y_W = 100, Y_N = 10$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	72.33	46.59	8.22	0.5688	0.3664	600	491
Y_d	496_775	90.07	95.04	11.7	0.4576	0.4828	575	467
G_d	496_572	28.05	58.54	11.66	0.2854	0.5958	541	541c
C_d	380_572	40.05	63.51	81.02	0.2169	0.344	491	600
B_d	380_496	22.3	15.06	77.55	0.194	0.1311	467	575
M_d	572_496	84.33	51.56	77.59	0.395	0.2415	541c	541
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	10.2	10.0	8.1	0.3604	0.3531	10%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	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 P00

$Y_W = 100, Y_N = 10$