

$XYZ_W = 102.06, 100.0, 81.06$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

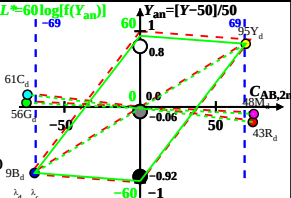
von maximalem (m) C_{AB}

linearen Farbenraum (C_{AB2}, Y)

Lichtart P00, $Y_W = 100, Y_N = 4$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	70.34	43.02	3.36	0.6025	0.3685	600	491
Y_d	496_775	89.27	94.7	7.07	0.4672	0.4957	575	467
G_d	496_572	23.11	55.77	7.03	0.2689	0.6491	541	541c
C_d	380_572	35.9	61.07	81.02	0.2017	0.3431	491	600
B_d	380_496	16.98	9.39	77.31	0.1637	0.0906	467	575
M_d	572_496	83.14	48.32	77.35	0.3981	0.2314	541c	541
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	4.08	4.0	3.24	0.3604	0.3531	4%	
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. aneinander grenzende / separate Farben.

Parameter:

Y & Name

Lichtart P00

$Y_W = 100, Y_N = 4$