

$XYZ_W = 100.0, 100.0, 100.0$

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

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

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

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

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

$x_c = 0,110, B_c = 0,900$

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

6 Ostwald-Farben (o)

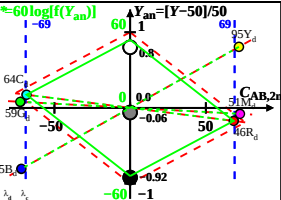
von maximalem (m) C_{AB} im

linearen Farbenraum (C_{AB2}, Y)

Lichtart E00, $Y_W = 100, Y_N = 10$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	68.94	46.4	10.14	0.5494	0.3697	598	489
Y_d	494_775	85.05	95.34	15.49	0.4341	0.4867	573	463
G_d	494_570	26.2	59.04	15.45	0.2601	0.5863	536	536c
C_d	380_570	41.16	63.7	99.96	0.2009	0.311	489	598
B_d	380_494	25.06	14.76	94.61	0.1864	0.1098	463	573
M_d	570_494	83.9	51.06	94.65	0.3654	0.2223	536c	536
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	10.0	10.0	10.0	0.3333	0.3333	10%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	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 E00

$Y_W = 100, Y_N = 10$