

$XYZ_W = 100.0, 100.0, 100.0$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

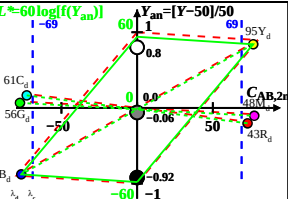
von maximalem (m) C_{AB}

linearen Farbenraum (C_{AB2})

Lichtart E00, $Y_W = 100, Y_N = 4$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	570_775	66.87	42.82	4.14	0.5874	0.3761	598	489
Y _d	494_775	84.04	95.02	9.85	0.4448	0.5029	573	463
G _d	494_570	21.27	56.3	9.81	0.2434	0.6442	536	536c
C _d	380_570	37.23	61.28	99.95	0.1875	0.3087	489	598
B _d	380_494	20.05	9.07	94.24	0.1625	0.0735	463	573
M _d	570_494	82.83	47.79	94.29	0.3682	0.2125	536c	536
W _d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N _d	380_775	4.0	4.0	4.0	0.3333	0.3333	4%	
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

$Y_W = 100, Y_N = 4$