

$XYZ_w = 97.93, 100.0, 118.95$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 B_c (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.700$

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

6 Ostwald-Farben (o)

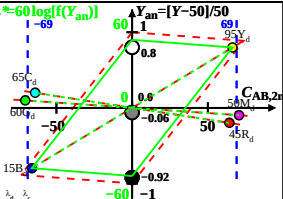
von maximalem (m) C_{AB}

linearen Farbenraum (C_{AB2}, Y)

Lichtart Q00, $Y_w = 100, Y_N = 10$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	64.71	45.09	12.05	0.531	0.37	596	487
Y _d	492_775	79.97	94.93	18.29	0.4139	0.4913	570	462
G _d	492_567	25.14	59.93	18.25	0.2433	0.58	535	535c
C _d	380_567	43.11	65.01	118.92	0.1898	0.2863	487	596
B _d	380_492	27.85	15.17	112.68	0.1789	0.0974	462	570
M _d	567_492	82.68	50.17	112.72	0.3366	0.2042	535c	535
W _d	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N _d	380_775	9.79	10.0	11.89	0.309	0.3155	10%	
Z _d	380_775	17.62	18.0	21.41	0.309	0.3155	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 Q00

$Y_w = 100, Y_N = 10$