XYZ_W=99.2 , 100.0 , 76.07

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}100$

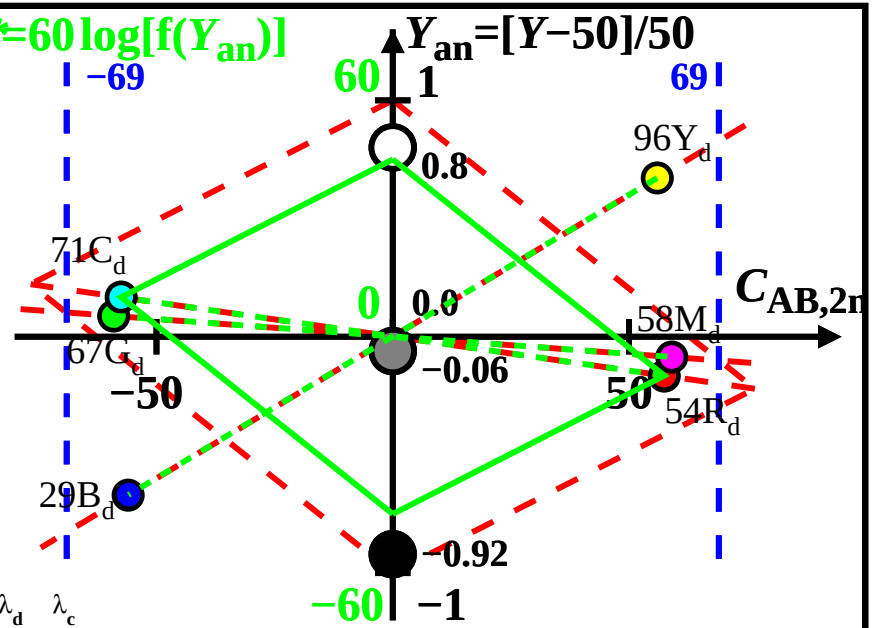
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

linearen Farbenraum ($C_{AB,2}$, Y)

Lichtart P45, Y_W=100, Y_N=25



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	74.5	54.26	19.12	0.5037	0.3669	600	492
Y_d	497_775	89.97	96.07	22.25	0.4319	0.4612	574	467
G_d	497_572	40.37	66.9	22.21	0.3117	0.5166	541	541c
C_d	380_572	49.63	70.85	76.05	0.2525	0.3605	492	600
B_d	380_497	34.15	29.04	72.93	0.2508	0.2133	467	574
M_d	572_497	83.75	58.21	72.96	0.3896	0.2708	541c	541
W_d	380_775	99.2	100.0	76.07	0.3603	0.3632	100%	
N_d	380_775	24.8	25.0	19.01	0.3603	0.3632	25%	
Z_d	380_775	17.85	18.0	13.69	0.3603	0.3632	18%	

$f(Y_{an})=\pm[1+10\ |Y_{an}|^n]$

n nähert sich 1 für:

1. abnehmendem Kontrast *C*
2. aneinandergrenzende / separate Farben.

Parameter:

Y & Name

Lichtart P45

Y_W=100, Y_N=25