XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}300$

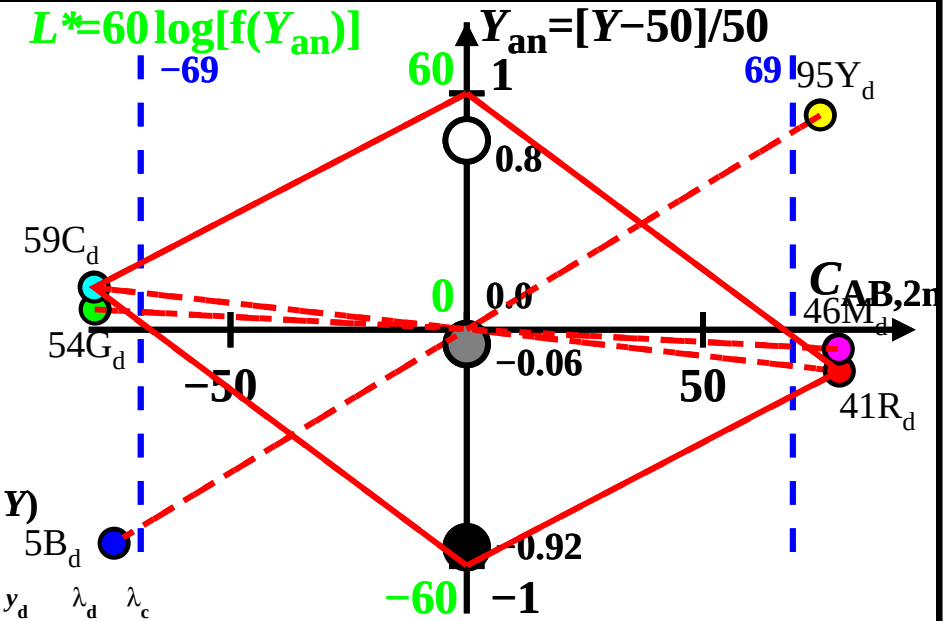
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald*-Farben (o)

von maximalem (m) C_{AB} im

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

Lichtart P40, Y_W=100, Y_N=0



Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	573_775	70.25	41.25	0.17	0.629	0.3694	600	493
Y_d	498_775	90.6	95.35	4.18	0.4765	0.5014	576	468
G_d	498_573	20.55	54.29	4.13	0.2602	0.6873	540	540c
C_d	380_573	30.88	58.94	64.64	0.1999	0.3815	493	600
B_d	380_498	10.52	4.84	60.63	0.1384	0.0637	468	576
M_d	573_498	80.57	45.9	60.68	0.4305	0.2452	540c	540
W_d	380_775	100.93	100.0	64.68	0.3799	0.3764	100%	
N_d	380_775	0.1	0.1	0.06	0.3798	0.3763	0%	
Z_d	380_775	18.16	18.0	11.64	0.3799	0.3764	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 P40

Y_W=100, Y_N=0

BGP01−5A