XYZ_W=103.66 , 99.99 , 52.43

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}800$

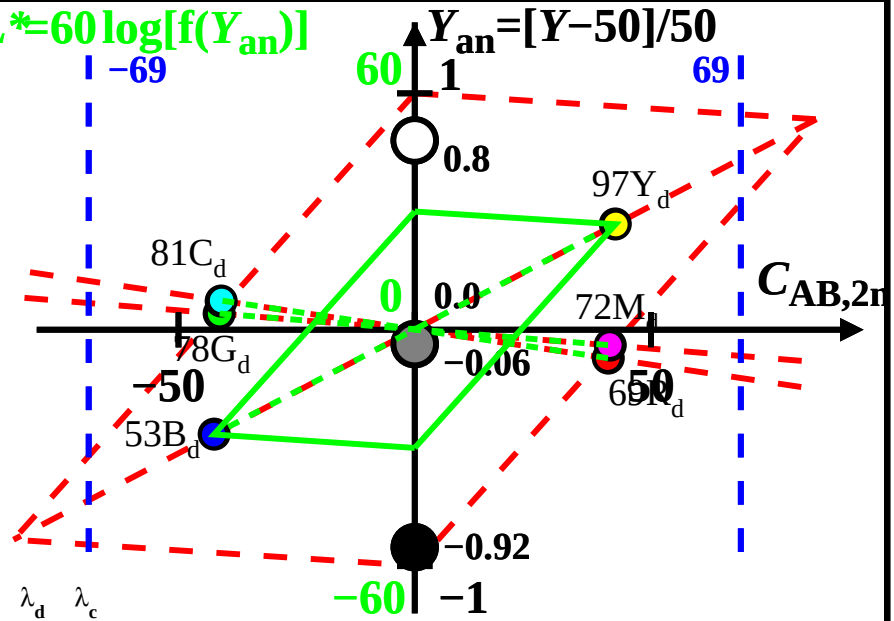
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$, Y)

Illumin. P35, Y_W=100, Y_N=50



Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	575_775	86.85	68.98	26.28	0.4768	0.3787	605	496
Y_d	500_775	99.6	97.31	27.49	0.4438	0.4336	578	472
G_d	500_575	64.68	78.42	27.47	0.3791	0.4597	548	548c
C_d	380_575	68.8	81.16	52.44	0.3399	0.4009	496	605
B_d	380_500	56.05	52.83	51.23	0.35	0.3299	472	578
M_d	575_500	90.97	71.72	51.25	0.4251	0.3352	548c	548
W_d	380_775	103.66	99.99	52.43	0.4047	0.3904	100%	
N_d	380_775	51.83	49.99	26.21	0.4047	0.3904	50%	
Z_d	380_775	18.66	18.0	9.43	0.4047	0.3904	18%	

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

n increases to 1 for:

1. decreasing of the contrast *C*
2. adjacent compared to separate colours.

Parameter:

Y & Name

Illuminant P35

Y_W=100, Y_N=50