XYZ_W=98.12 , 100.0 , 86.5

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}000$

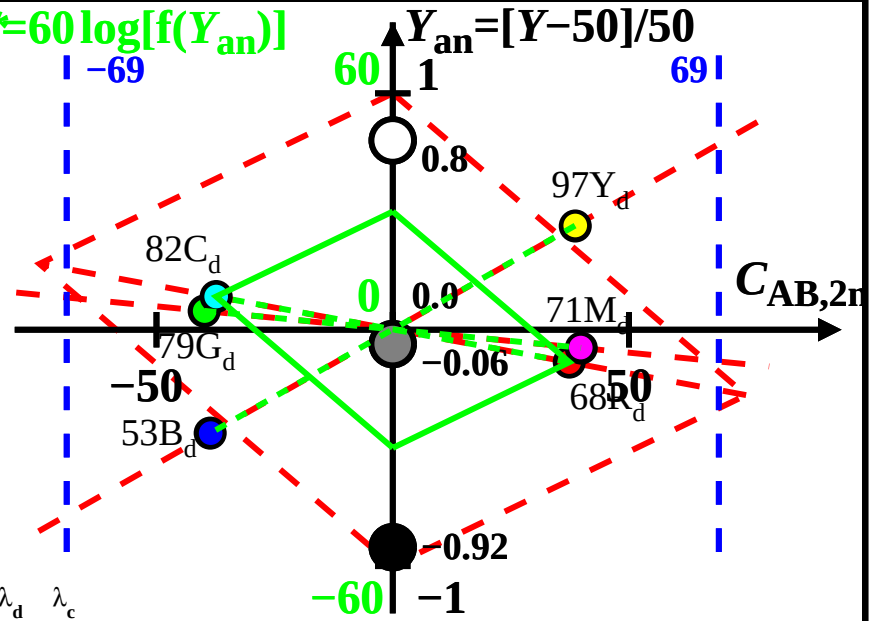
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) C_{AB} in

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

Illumin. P50, Y_W=100, Y_N=50



Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	80.21	68.13	43.35	0.4184	0.3554	601	491
Y_d	495_775	91.07	97.01	45.35	0.3901	0.4155	573	467
G_d	495_570	60.02	78.98	45.33	0.3256	0.4284	542	542c
C_d	380_570	67.12	82.01	86.52	0.2848	0.348	491	601
B_d	380_495	56.25	53.13	84.52	0.2901	0.2739	467	573
M_d	570_495	87.3	71.16	84.54	0.3592	0.2928	542c	542
W_d	380_775	98.12	100.0	86.5	0.3447	0.3513	100%	
N_d	380_775	49.06	50.0	43.25	0.3447	0.3513	50%	
Z_d	380_775	17.66	18.0	15.57	0.3447	0.3513	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 P50

Y_W=100, Y_N=50