XYZ_W=96.42 , 100.0 , 82.49

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

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

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

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

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

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

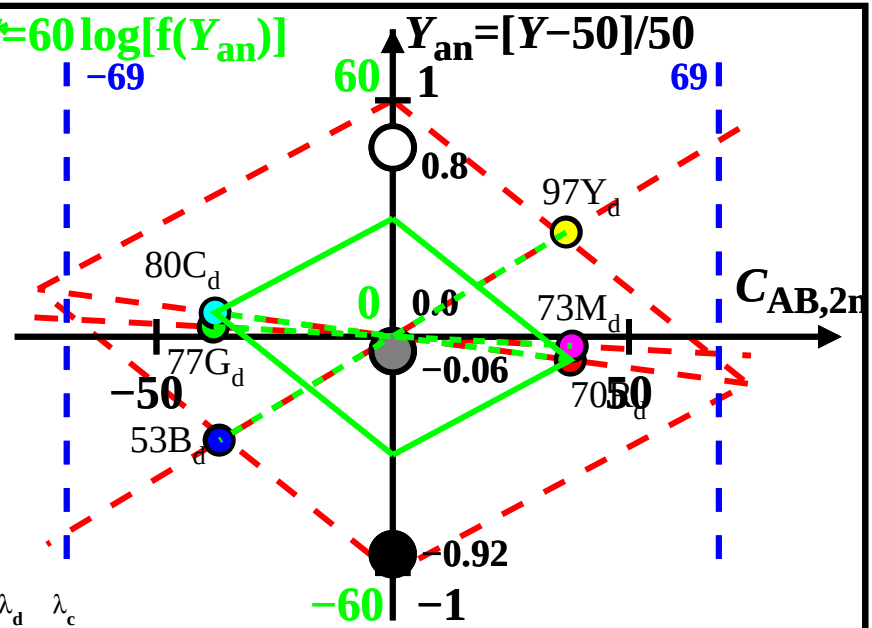
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) C_{AB} in

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

Illumin. D50, 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	80.72	70.07	41.35	0.42	0.3646	598	491
Y_d	496_775	89.81	97.06	43.46	0.3899	0.4214	573	468
G_d	496_570	57.4	77.09	43.43	0.3226	0.4332	538	538c
C_d	380_570	64.05	80.07	82.51	0.2826	0.3532	491	598
B_d	380_496	54.96	53.08	80.4	0.2916	0.2816	468	573
M_d	570_496	87.37	73.05	80.43	0.3627	0.3033	538c	538
W_d	380_775	96.42	100.0	82.49	0.3457	0.3585	100%	
N_d	380_775	48.21	50.0	41.24	0.3457	0.3585	50%	
Z_d	380_775	17.35	18.0	14.84	0.3457	0.3585	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 D50

Y_W=100, Y_N=50