XYZ_W=100.93 , 100.0 , 64.68

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

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

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

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

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

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

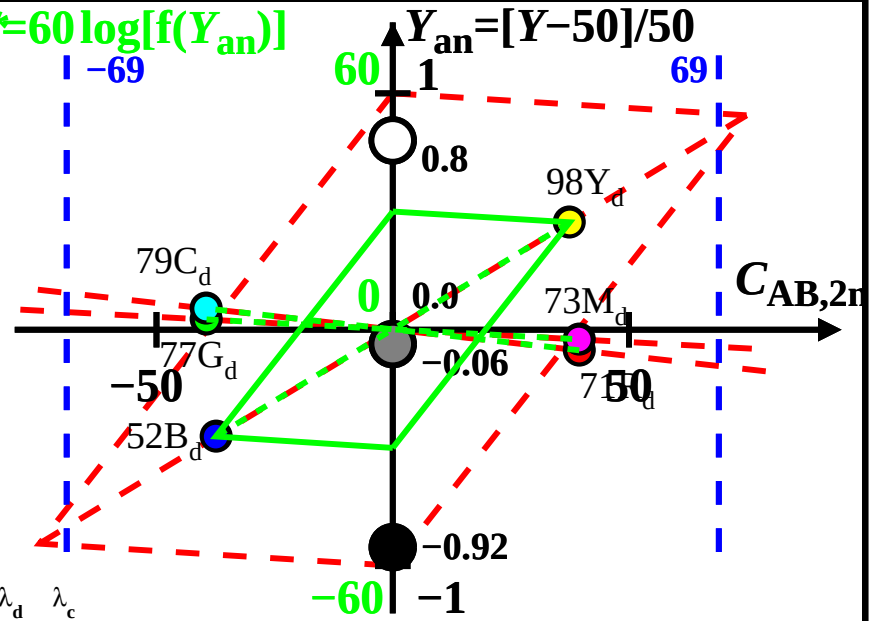
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) C_{AB} in

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

Illumin. P40, Y_W=100, Y_N=50



Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	573_775	85.62	70.65	32.43	0.4537	0.3743	600	493
Y_d	498_775	95.81	97.72	34.43	0.4202	0.4286	576	468
G_d	498_573	60.75	77.17	34.41	0.3525	0.4477	540	540c
C_d	380_573	65.92	79.49	64.69	0.3137	0.3783	493	600
B_d	380_498	55.73	52.42	62.69	0.3262	0.3068	468	576
M_d	573_498	90.79	72.97	62.71	0.4008	0.3222	540c	540
W_d	380_775	100.93	100.0	64.68	0.3799	0.3764	100%	
N_d	380_775	50.46	50.0	32.34	0.3799	0.3764	50%	
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 increases to 1 for:

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

Parameter:

Y & Name

Illuminant P40

Y_W=100, Y_N=50