XYZ_W=99.2 , 100.0 , 76.07

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

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

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

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

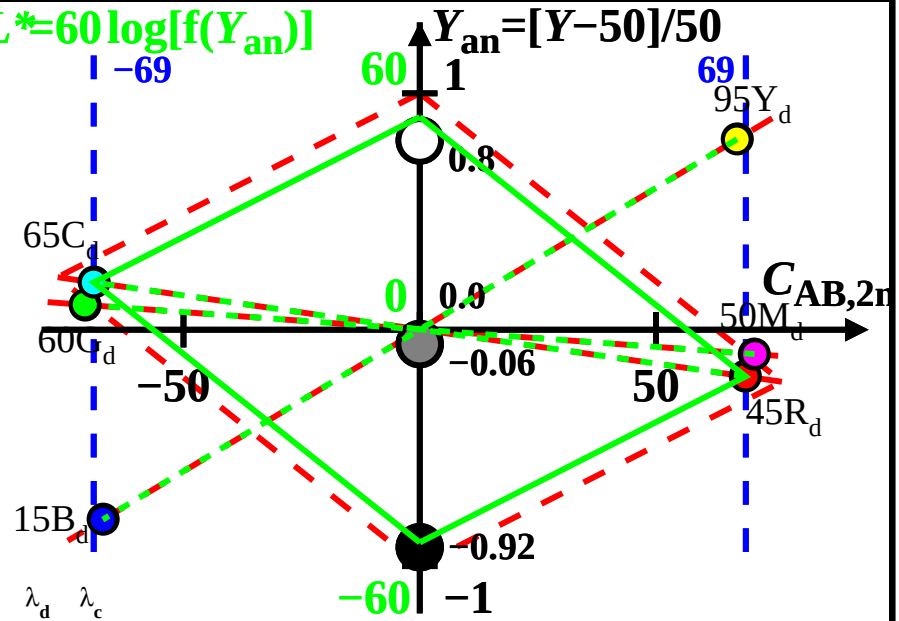
$a_{20} = 1,\ \ b_{20} = -0{,}4$

$x_c = 0{,}110,\ \ B_c = 1{,}100$

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

6 *Ostwald* colours (o) of maximum (m) C_{AB} in linear colour space ($C_{AB,2}$, Y)

Illumin. P45, Y_W=100, Y_N=10



Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	69.54	45.1	7.72	0.5682	0.3685	600	492
Y_d	497_775	88.11	95.27	11.47	0.4521	0.4889	574	467
G_d	497_572	28.59	60.26	11.43	0.285	0.6009	541	541c
C_d	380_572	39.69	65.0	76.04	0.2196	0.3596	492	600
B_d	380_497	21.12	14.83	72.29	0.1951	0.137	467	574
M_d	572_497	80.64	49.84	72.33	0.3976	0.2457	541c	541
W_d	380_775	99.2	100.0	76.07	0.3603	0.3632	100%	
N_d	380_775	9.92	10.0	7.6	0.3603	0.3632	10%	
Z_d	380_775	17.85	18.0	13.69	0.3603	0.3632	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 P45

Y_W=100, Y_N=10