XYZ_W=95.04 , 100.0 , 108.89

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

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

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

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

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

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

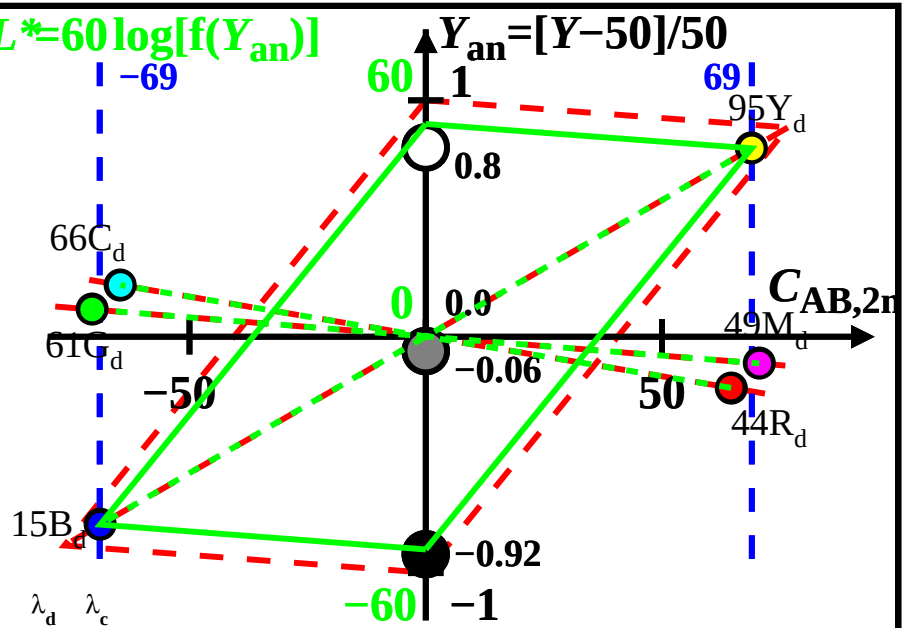
$C_{AB2}=[A_2^2+B_2^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) C_{AB} in

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

Illumin. D65, Y_W=100, Y_N=10



Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	63.21	44.18	11.04	0.5337	0.373	596	489
Y_d	493_775	78.93	94.84	17.06	0.4135	0.4969	570	463
G_d	493_567	25.32	60.76	17.02	0.2455	0.5892	535	535c
C_d	380_567	41.44	65.92	108.85	0.1916	0.3048	489	596
B_d	380_493	25.71	15.26	102.83	0.1788	0.1061	463	570
M_d	567_493	79.33	49.34	102.87	0.3426	0.2131	535c	535
W_d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N_d	380_775	9.5	10.0	10.88	0.3127	0.329	10%	
Z_d	380_775	17.1	18.0	19.6	0.3127	0.329	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 D65

Y_W=100, Y_N=10