$XYZ_{W,10}$=116.54 , 99.99 , 26.13

$A_{2,10} = 2{,}5\ (a_{2,10} - a_{2,n,10})\ Y_{10}$

$B_{2,10} = 2{,}5\ B_c\ (b_{2,10} - b_{2,n,10})\ Y_{10}$

$a_{2,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$

$b_{2,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$

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

$x_c = 0{,}110,\ \ B_c = 3{,}700$

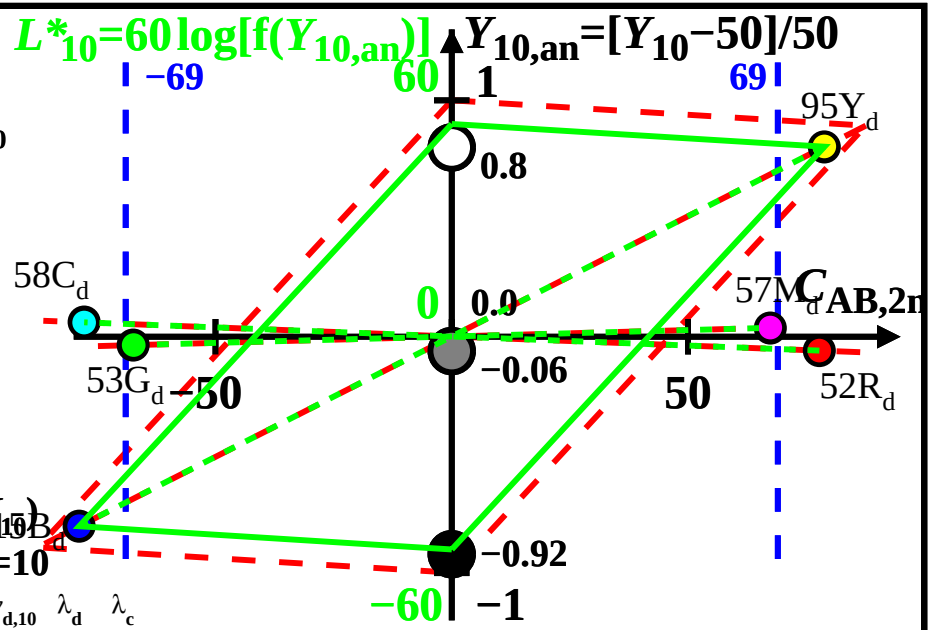
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in

linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. P25, $Y_{W,10}$=100, $Y_{N,10}$=10



Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	578_775	89.16	52.06	2.63	0.6197	0.3619	605	495
Y_d	500_775	113.02	95.19	3.75	0.5332	0.449	580	473
G_d	500_578	35.63	53.22	3.75	0.3847	0.5747	547	547c
C_d	380_578	39.16	58.04	26.14	0.3175	0.4705	495	605
B_d	380_500	15.3	14.91	25.03	0.2769	0.2699	473	580
M_d	578_500	92.69	56.88	25.03	0.5308	0.3257	547c	547
W_d	380_775	116.54	99.99	26.13	0.4802	0.412	100%	
N_d	380_775	11.65	9.99	2.61	0.4802	0.412	10%	
Z_d	380_775	20.97	17.99	4.7	0.4802	0.412	18%	

$f(Y_{10,an})=\pm[1+10\ |Y_{10,an}|^n]$

n increases to 1 for:

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

Parameter:

Y_{10} & Name

Illuminant P25

$Y_{W,10}$=100, $Y_{N,10}$=10