$XYZ_{W,10}$=97.65 , 100.0 , 95.55

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 0{,}900$

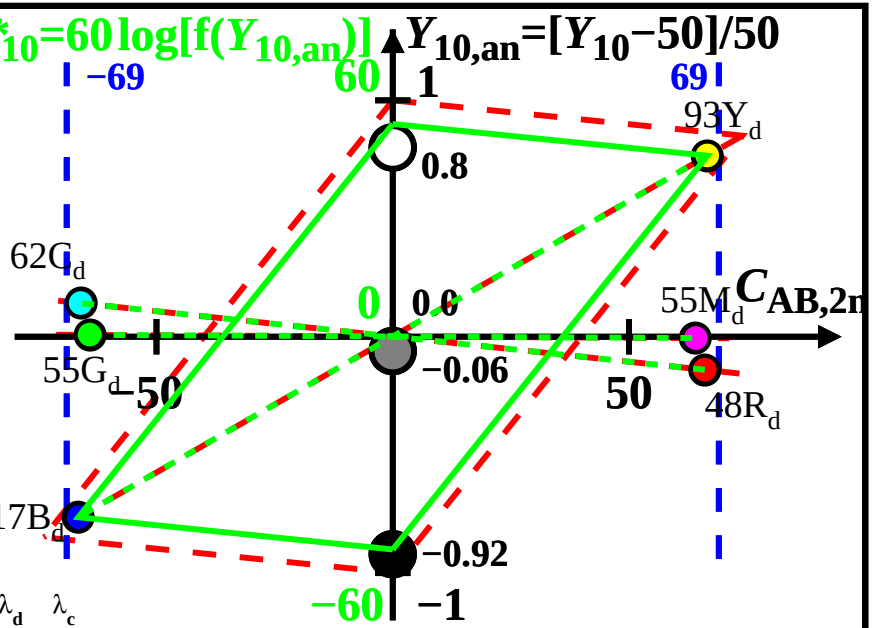
$C_{AB2,10}=[A_{2,10}{}^2+B_{2,10}{}^2]^{1/2}$

6 *Ostwald* colours (o)

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

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

Illumin. P55, $Y_{W,10}$=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	564_775	68.21	47.99	9.65	0.5419	0.3813	593	483
Y_d	488_775	83.33	93.29	15.22	0.4343	0.4862	568	460
G_d	488_564	24.97	55.39	15.22	0.2612	0.5794	529	529c
C_d	380_564	39.31	62.11	95.56	0.1995	0.3153	483	593
B_d	380_488	24.19	16.81	89.98	0.1847	0.1283	460	568
M_d	564_488	82.55	54.71	89.98	0.3632	0.2407	529c	529
W_d	380_775	97.65	100.0	95.55	0.333	0.341	100%	
N_d	380_775	9.76	10.0	9.55	0.333	0.341	10%	
Z_d	380_775	17.57	18.0	17.19	0.333	0.341	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 P55

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