$XYZ_{W,10}$=102.37 , 99.99 , 81.25

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

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

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

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

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

$x_c = 0{,}110,\ \ B_c = 1{,}000$

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

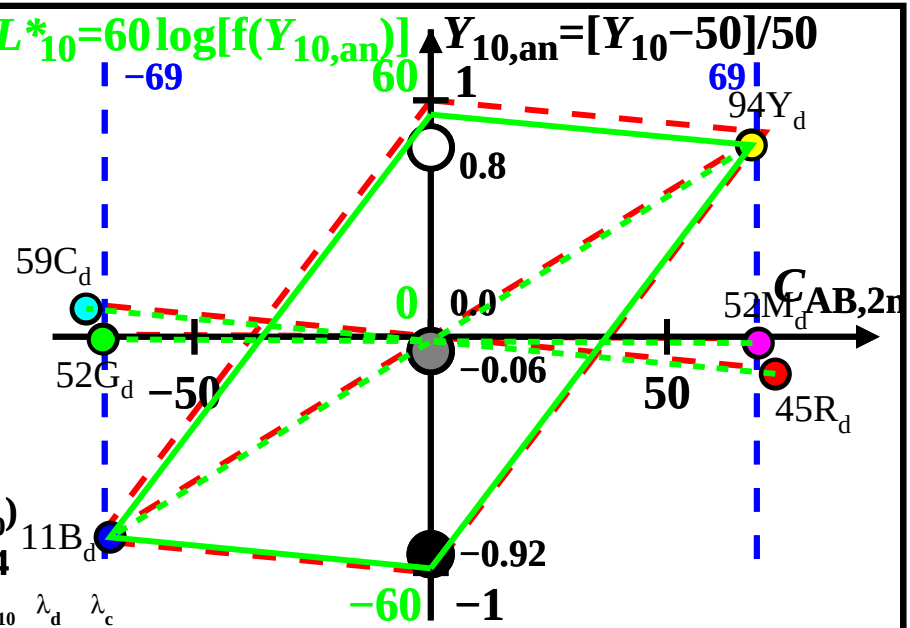
6 *Ostwald* colours (o)

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

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

Illumin. P00, $Y_{W,10}$=100, $Y_{N,10}$=4

$L^*_{10}=60\log[f(Y_{10,an})]$



Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	567_775	71.25	45.16	3.33	0.595	0.3771	597	484
Y_d	489_775	89.42	93.52	8.2	0.4677	0.4892	571	461
G_d	489_567	22.36	52.46	8.2	0.2693	0.6318	533	533c
C_d	380_567	35.31	58.94	81.25	0.2012	0.3358	484	597
B_d	380_489	17.15	10.57	76.38	0.1647	0.1016	461	571
M_d	567_489	84.21	51.64	76.38	0.3967	0.2433	533c	533
W_d	380_775	102.37	99.99	81.25	0.3609	0.3525	100%	
N_d	380_775	4.09	3.99	3.25	0.3609	0.3525	4%	
Z_d	380_775	18.42	18.0	14.62	0.3609	0.3525	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 P00

$Y_{W,10}$=100, $Y_{N,10}$=4