

$XYZ_W=98.07, 100.0, 118.22$

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

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

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

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

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

$x_c = 0,110, B_c = 0,700$

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

6 Ostwald colours (o)

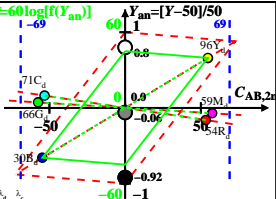
of maximum (m)  $C_{AB}$  in

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

Illumin. C00,  $Y_W=100, Y_N=25$

Name	Range	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	70.45	54.48	29.71	0.4555	0.3523	596	487
Y <sub>d</sub>	492_775	83.38	95.54	34.86	0.39	0.4468	571	463
G <sub>d</sub>	492_567	37.54	66.15	34.83	0.2709	0.4775	535	535c
C <sub>d</sub>	380_567	52.25	70.63	118.21	0.2167	0.2929	487	596
B <sub>d</sub>	380_492	39.32	29.58	113.06	0.2161	0.1625	463	571
M <sub>d</sub>	567_492	85.17	58.96	113.09	0.3311	0.2292	535c	535
W <sub>d</sub>	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N <sub>d</sub>	380_775	24.51	25.0	29.55	0.31	0.3161	25%	
Z <sub>d</sub>	380_775	17.65	18.0	21.28	0.31	0.3161	18%	

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



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

$n$  increases to 1 for:

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

Parameter:

$Y$  & Name

Illuminant C00

$Y_W=100, Y_N=25$