

$XYZ_W = 97.06, 99.99, 104.57$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

6 Ostwald colours (o)

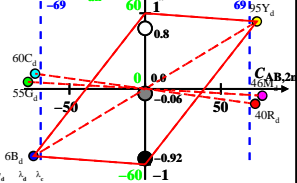
of maximum (m)  $C_{AB}$  in

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

Illumin. P60,  $Y_W = 100, Y_N = 0$

Name	Range	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	568_775	62.81	40.12	0.26	0.6086	0.3888	596	489
Y <sub>d</sub>	494_775	79.75	94.58	6.61	0.4407	0.5227	571	463
G <sub>d</sub>	494_568	17.12	54.66	6.56	0.2186	0.6976	535	535c
C <sub>d</sub>	380_568	34.44	60.07	104.52	0.173	0.3018	489	596
B <sub>d</sub>	380_494	17.51	5.61	98.17	0.1443	0.0462	463	571
M <sub>d</sub>	568_494	80.13	45.53	98.22	0.3579	0.2033	535c	535
W <sub>d</sub>	380_775	97.06	99.99	104.57	0.3218	0.3315	100%	
N <sub>d</sub>	380_775	0.09	0.09	0.1	0.3216	0.3314	0%	
Z <sub>d</sub>	380_775	17.47	17.99	18.82	0.3218	0.3315	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 P60  
 $Y_W = 100, Y_N = 0$