

$XYZ_w = 95.04, 100.0, 108.89$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$

$B_2 = 2.5 B_c (b_2 - b_{2,n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

6 Ostwald colours (o)

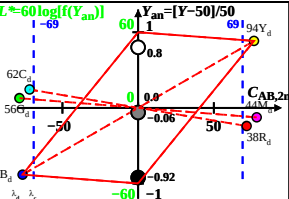
of maximum (m) C_{AB} in

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

Illumin. D65, $Y_w = 100, Y_N = 0$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	59.7	38.03	0.26	0.6092	0.388	596	489
Y_d	493_775	77.15	94.26	6.95	0.4325	0.5284	570	463
G_d	493_567	17.64	56.43	6.9	0.2178	0.6968	535	535c
C_d	380_567	35.53	62.16	108.84	0.172	0.3009	489	596
B_d	380_493	18.08	5.93	102.15	0.1433	0.047	463	570
M_d	567_493	77.59	43.76	102.2	0.347	0.1957	535c	535
W_d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N_d	380_775	0.09	0.1	0.1	0.3126	0.3289	0%	
Z_d	380_775	17.1	18.0	19.6	0.3127	0.329	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 D65

$Y_w = 100, Y_N = 0$