

$XYZ_W = 95.04, 100.0, 108.89$

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

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

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

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

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

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

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

6 Ostwald colours (o)

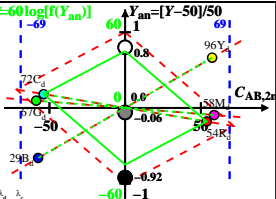
of maximum (m) C_{AB} in

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

Illumin. D65, $Y_W = 100, Y_N = 25$

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	68.53	53.5	27.36	0.4587	0.3581	596	489
Y _d	493_775	81.63	95.72	32.39	0.3892	0.4563	570	463
G _d	493_567	36.95	67.31	32.35	0.2704	0.4927	535	535c
C _d	380_567	50.39	71.62	108.88	0.2182	0.3101	489	596
B _d	380_493	37.28	29.4	103.85	0.2186	0.1724	463	570
M _d	567_493	81.96	57.8	103.89	0.3363	0.2372	535c	535
W _d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N _d	380_775	23.76	25.0	27.22	0.3127	0.329	25%	
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

$Y_W = 100, Y_N = 25$