

$XYZ_W = 115.18, 100.0, 26.59$

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

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

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

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

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

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

$x_c = 0,110, B_c = 3,700$

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

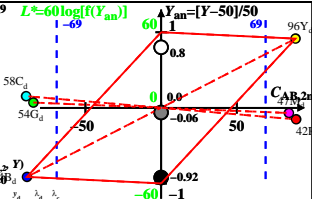
6 Ostwald-Farben (o)

von maximalem (m) C_{AB}

linearen Farbenraum ($C_{AB,2n} Y$)

Lichtart P25, $Y_W = 100, Y_N = 0$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	582_775	82.98	42.42	0.08	0.6612	0.338	608	502
Y _d	506_775	111.2995	77	1.6	0.5333	0.4589	583	478
G _d	506_582	28.53	53.55	1.57	0.3411	0.64	552	552c
C _d	380_582	32.43	57.77	26.55	0.2777	0.4948	502	608
B _d	380_506	4.12	4.42	25.03	0.1227	0.1317	478	583
M _d	582_506	86.87	46.64	25.07	0.5477	0.2941	552c	552
W _d	380_775	115.18	100.0	26.59	0.4764	0.4136	100%	
N _d	380_775	0.11	0.1	0.02	0.4762	0.4134	0%	
Z _d	380_775	20.73	18.0	4.78	0.4764	0.4136	18%	



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

n nähert sich 1 für:

1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:

Y & Name

Lichtart P25

$Y_W = 100, Y_N = 0$