

$XYZ_W = 98.12, 100.0, 86.5$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

6 Ostwald-Farben (o)

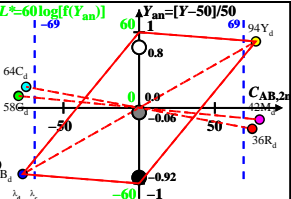
von maximalem (m) C_{AB}

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

Lichtart P50, $Y_W = 100, Y_N = 0$

Name	Bereich	X_d	Y_d	Z_d	x_c	y_c	λ_d	λ_c
R _d	570_775	62.23	36.23	0.21	0.6306	0.3671	601	491
Y _d	495_775	83.94	93.94	4.2	0.4609	0.5159	573	467
G _d	495_570	21.9	57.9	4.16	0.2608	0.6895	542	542c
C _d	380_570	36.08	63.96	86.46	0.1934	0.3429	491	601
B _d	380_495	14.37	6.25	82.46	0.1394	0.0607	467	573
M _d	570_495	76.41	42.29	82.5	0.3797	0.2101	542c	542
W _d	380_775	98.12	100.0	86.5	0.3447	0.3513	100%	
N _d	380_775	0.09	0.1	0.08	0.3446	0.3512	0%	
Z _d	380_775	17.66	18.0	15.57	0.3447	0.3513	18%	

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



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

n nähert sich 1 für:

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

Parameter:

Y & Name

Lichtart P50

$Y_W = 100, Y_N = 0$