

$XYZ_W=102.06, 100.0, 81.06$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

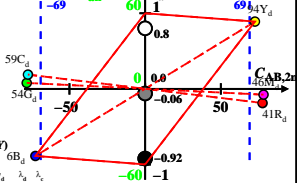
von maximalem (m) C_{AB}

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

Lichtart P00, $Y_W=100, Y_N=0$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	572_775	69.05	40.7	0.2	0.6279	0.3701	600	491
Y _d	496_775	88.74	94.48	4.06	0.4738	0.5044	575	467
G _d	496_572	19.89	53.97	4.01	0.2554	0.6929	541	541c
C _d	380_572	33.21	59.49	81.01	0.1912	0.3424	491	600
B _d	380_496	13.52	5.71	77.15	0.1402	0.0592	467	575
M _d	572_496	82.37	46.22	77.2	0.4002	0.2246	541c	541
W _d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N _d	380_775	0.1	0.1	0.08	0.3603	0.353	0%	
Z _d	380_775	18.37	18.0	14.59	0.3604	0.3531	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 P00
 $Y_W=100, Y_N=0$