

$XYZ_W = 98.07, 100.0, 118.22$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

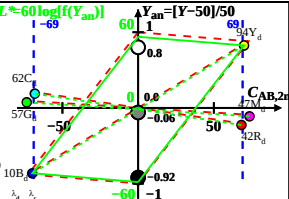
von maximalem (m) C_{AB}

linearen Farbenraum (C_{AB2}, Y)

Lichtart C00, $Y_W = 100, Y_N = 4$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	62.69	41.71	4.89	0.5735	0.3816	596	487
Y_d	492_775	79.24	94.26	11.49	0.4283	0.5095	571	463
G_d	492_567	20.56	56.65	11.44	0.2319	0.6389	535	535c
C_d	380_567	39.39	62.38	118.18	0.1791	0.2836	487	596
B_d	380_492	22.85	9.83	111.58	0.1584	0.0681	463	571
M_d	567_492	81.53	47.45	111.62	0.3388	0.1972	535c	535
W_d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N_d	380_775	3.92	4.0	4.72	0.31	0.3161	4%	
Z_d	380_775	17.65	18.0	21.28	0.31	0.3161	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 C00

$Y_W = 100, Y_N = 4$