

$XYZ_W = 98.07, 100.0, 118.22$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

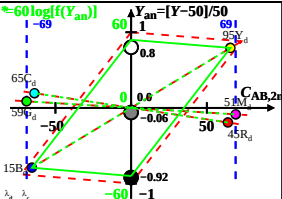
von maximalem (m) C_{AB}

linearen Farbenraum (C_{AB2}, Y)

Lichtart C00, $Y_W = 100, Y_N = 10$

Name	Bereich	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R _d	567_775	64.91	45.36	11.98	0.5309	0.371	596	487
Y _d	492_775	80.42	94.63	18.17	0.4162	0.4897	571	463
G _d	492_567	25.41	59.36	18.12	0.2469	0.5768	535	535c
C _d	380_567	43.07	64.74	118.19	0.1905	0.2864	487	596
B _d	380_492	27.56	15.47	112.0	0.1777	0.0998	463	571
M _d	567_492	82.57	50.74	112.04	0.3365	0.2068	535c	535
W _d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N _d	380_775	9.8	10.0	11.82	0.31	0.3161	10%	
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

$Y_W = 100, Y_N = 10$