

$XYZ_W = 97.45, 100.0, 95.98$

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

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

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

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

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

$x_c = 0,110, B_c = 0,900$

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

6 Ostwald-Farben (o)

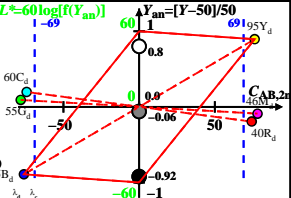
von maximalem (m)  $C_{AB}$

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

Lichtart P55,  $Y_W = 100, Y_N = 0$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	569_775	64.09	40.3	0.24	0.6124	0.3851	597	490
Y <sub>d</sub>	494_775	81.66	94.73	6.1	0.4474	0.519	572	464
G <sub>d</sub>	494_569	17.76	54.62	6.05	0.2264	0.6963	536	536c
C <sub>d</sub>	380_569	33.55	59.89	95.93	0.1771	0.3162	490	597
B <sub>d</sub>	380_494	15.98	5.46	90.06	0.1433	0.0489	464	572
M <sub>d</sub>	569_494	79.88	45.57	90.11	0.3705	0.2113	536c	536
W <sub>d</sub>	380_775	97.45	100.0	95.98	0.3321	0.3407	100%	
N <sub>d</sub>	380_775	0.09	0.1	0.09	0.332	0.3406	0%	
Z <sub>d</sub>	380_775	17.54	18.0	17.27	0.3321	0.3407	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 P55

$Y_W = 100, Y_N = 0$