

$XYZ_w = 97.93, 100.0, 118.95$

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

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

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

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

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

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

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

6 Ostwald-Farben (o)

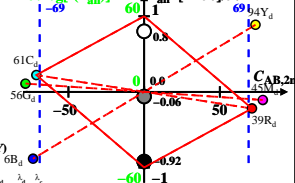
von maximalem (m)  $C_{AB}$  im

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

Lichtart Q00,  $Y_w = 100, Y_N = 0$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	61.05	39.04	0.28	0.6081	0.3889	596	487
Y <sub>d</sub>	492_775	77.98	94.36	7.21	0.4343	0.5255	570	462
G <sub>d</sub>	492_567	17.13	55.52	7.16	0.2146	0.6956	535	535c
C <sub>d</sub>	380_567	37.07	61.15	118.9	0.1707	0.2816	487	596
B <sub>d</sub>	380_492	20.14	5.83	111.98	0.1459	0.0422	462	570
M <sub>d</sub>	567_492	80.99	44.67	112.03	0.3407	0.1879	535c	535
W <sub>d</sub>	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N <sub>d</sub>	380_775	0.09	0.1	0.11	0.3089	0.3154	0%	
Z <sub>d</sub>	380_775	17.62	18.0	21.41	0.309	0.3155	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 Q00

$Y_w = 100, Y_N = 0$