

$XYZ_{W,10} = 99.99, 99.99, 100.0$

$A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

$a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$

$b_{2,10} = b_{20} [z_{10} / y_{10}]$

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

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

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 Ostwald-Farben (o)

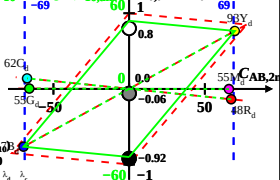
von maximalem (m) $C_{AB,10}$

linearen Farbenraum ($C_{AB,2,10}$)

Lichtart E00, $Y_{W,10} = 100, Y_{N,10} = 10$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	69.56	48.14	10.1	0.5442	0.3767	594	482
Y_d	487_775	84.85	93.29	15.74	0.4376	0.4811	568	459
G_d	487_564	25.39	55.24	15.74	0.2634	0.5731	530	530c
C_d	380_564	40.53	61.96	100.01	0.2001	0.3059	482	594
B_d	380_487	25.24	16.81	94.37	0.185	0.1232	459	568
M_d	564_487	84.7	54.86	94.37	0.362	0.2345	530c	530
W_d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_d	380_775	9.99	9.99	10.0	0.3333	0.3333	10%	
Z_d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

$L^*_{10} = 60 \log[f(Y_{10,an})]$ $Y_{10,an} = [Y_{10} - 50] / 50$



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$

n nähert sich 1 für:

1. abnehmendem Kontrast C
2. aneinandergrenzende / separate Farben.

Parameter:

Y_{10} & Name

Lichtart E00

$Y_{W,10} = 100, Y_{N,10} = 10$