

$XYZ_{w_{10}}=97.09, 99.99, 104.01$

$$A_{2,10} = 2,5 (a_{2,10} - a_{2,0,10}) Y_{10}$$

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

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

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

$$a_m = 1, b_m = -0,4$$

$$X_c = 0,110, B_c = 0,800$$

$$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$$

6 Ostwald-Farben (o)

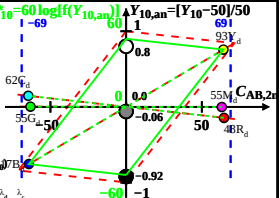
von maximalem (m) $C_{AR,10}$

linearen Farbenraum ($C_{AB,2.10}$)

Lichtart P60, $Y_{w10}=100$, $Y_{s10}=10$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	563_775	66.93	47.78	10.5	0.5345	0.3815	592	482
Y_d	487_775	81.39	92.89	16.34	0.4269	0.4872	567	460
G_d	487_563	24.26	55.2	16.34	0.2532	0.5762	528	528c
C_d	380_563	39.97	62.32	104.02	0.1937	0.302	482	592
B_d	380_487	25.51	17.21	98.19	0.181	0.1221	460	567
M_d	563_487	82.65	54.9	98.19	0.3505	0.2328	528c	528
W_d	380_775	97.09	99.99	104.01	0.3224	0.3321	100%	
N_d	380_775	9.7	9.99	10.4	0.3224	0.3321	10%	
Z_d	380_775	17.47	17.99	18.72	0.3224	0.3321	18%	

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



$$f(Y_{10,20}) = \pm [1 + 10 |Y_{10,20}|^n]$$

n nähert sich 1 für:

1. abnehmendem

Kontrast C

2. aneinandergrenzende / separate Farben.

Parameter:

Y10 & Name

Lichtart P60

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