

$XYZ_{W,10} = 111.15, 99.99, 35.19$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

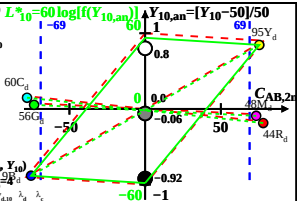
6 Ostwald-Farben (o)

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

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

Lichtart A00, $Y_{W,10} = 100, Y_{N,10} = 4$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	575_775	78.2	43.68	1.44	0.6341	0.3541	606	493
Y_d	498_775	105.94	95.27	3.55	0.5173	0.4652	577	469
G_d	498_575	32.29	55.69	3.55	0.3528	0.6083	546	546c
C_d	380_575	37.5	60.42	35.2	0.2817	0.4538	493	606
B_d	380_498	9.76	8.82	33.08	0.1889	0.1708	469	577
M_d	575_498	83.41	48.41	33.08	0.5058	0.2935	546c	546
W_d	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_d	380_775	4.44	3.99	1.4	0.4511	0.4059	4%	
Z_d	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$
 n nähert sich 1 für:
 1. abnehmendem Kontrast C
 2. aneinandergrenzende / separate Farben.

Parameter:
 Y_{10} & Name
 Lichtart A00
 $Y_{W,10} = 100, Y_{N,10} = 4$