

$XYZ_{W,10} = 97.65, 100.0, 118.42$

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

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

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

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

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

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

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

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

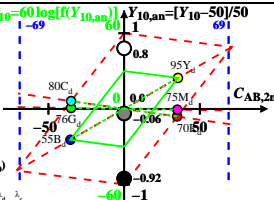
6 Ostwald-Farben (o)

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

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

Lichtart Q00, $Y_{W,10} = 100, Y_{N,10} = 50$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R _d	561_775	79.32	69.97	59.33	0.3802	0.3354	593	481
Y _d	486_775	87.6	95.49	62.32	0.3569	0.3891	566	459
G _d	486_561	57.2	75.62	62.32	0.2931	0.3875	530	530c
C _d	380_561	67.29	80.17	118.48	0.253	0.3014	481	593
B _d	380_486	59.01	54.65	115.49	0.2575	0.2384	459	566
M _d	561_486	89.41	74.52	115.49	0.3199	0.2667	530c	530
W	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N _d	380_775	48.82	50.0	59.21	0.3089	0.3163	50%	
Z _d	380_775	17.57	18.0	21.31	0.3089	0.3163	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 Q00
 $Y_{W,10} = 100, Y_{N,10} = 50$