

$$XYZ_{W,10} = 109.29, 99.99, 39.19$$

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

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

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

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

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

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

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

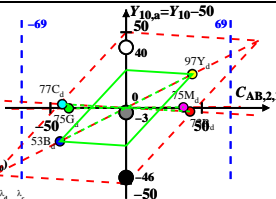
6 Ostwald-Farben (o)

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

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

Lichtart P30,  $Y_{W,10} = 100, Y_{N,10} = 50$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	574_775	94.46	72.65	19.63	0.5058	0.389	602	491
$Y_d$	497_775	106.2997	28	20.72	0.4739	0.4337	577	469
$G_d$	497_574	66.58	74.73	20.72	0.4109	0.4611	542	542c
$C_d$	380_574	69.63	77.49	39.21	0.3736	0.4158	491	602
$B_d$	380_497	57.8	52.86	38.13	0.3884	0.3552	469	577
$M_d$	574_497	97.51	75.41	38.13	0.462	0.3573	542c	542
$W_d$	380_775	109.2999	99	39.19	0.4398	0.4024	100%	
$N_d$	380_775	54.64	49.99	19.59	0.4398	0.4024	50%	
$Z_d$	380_775	19.67	17.99	7.05	0.4398	0.4024	18%	



Parameter:  
 $Y_{10}$  & Name  
 Lichtart P30  
 $Y_{W,10} = 100, Y_{N,10} = 50$