

$XYZ_{W,10} = 99.8, 100.0, 75.8$

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

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

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

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

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

$x_c = 0,110, B_c = 1,100$

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

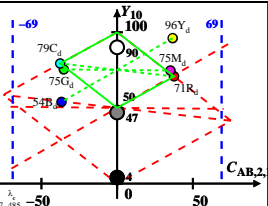
6 Ostwald-Farben (o)

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

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

Lichtart P45,  $Y_{W,10} = 100, Y_{N,10} = 50$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	83.75	70.79	37.97	0.435	0.3677	597	485
Y <sub>d</sub>	490_775	93.61	96.11	39.73	0.4079	0.4188	571	465
G <sub>d</sub>	490_567	59.86	75.42	39.73	0.342	0.4309	536	536c
C <sub>d</sub>	380_567	66.1	79.35	75.84	0.2986	0.3585	485	597
B <sub>d</sub>	380_490	56.24	54.03	74.08	0.305	0.293	465	571
M <sub>d</sub>	567_490	89.99	74.72	74.08	0.3768	0.3128	536c	536
W	380_775	99.8	100.0	75.8	0.3621	0.3628	100%	
N <sub>d</sub>	380_775	49.9	50.0	37.9	0.3621	0.3628	50%	
Z <sub>d</sub>	380_775	17.96	18.0	13.64	0.3621	0.3628	18%	



Parameter:

$Y_{10}$  & Name

Lichtart P45

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