

$XYZ_{W,10} = 97.65, 100.0, 95.55$

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

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

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

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

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

$$x_c = 0,110, \quad B_c = 0,900$$

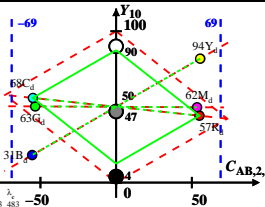
$$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$$

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB,10}$  im  
linearen Farbenraum ( $C_{AB,2,10}, Y_{10}$ )

Lichtart P55,  $Y_{W,10} = 100, Y_{N,10} = 25$

Name	Bereich	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	564_775	73.13	56.68	23.98	0.4755	0.3685	593	483
$Y_d$	488_775	85.73	94.42	28.62	0.4106	0.4522	568	460
$G_d$	488_564	37.1	62.84	28.62	0.2885	0.4887	529	529c
$C_d$	380_564	49.05	68.44	95.57	0.2302	0.3212	483	593
$B_d$	380_488	36.45	30.69	90.93	0.2306	0.1941	460	568
$M_d$	564_488	85.08	62.28	90.93	0.357	0.2613	529c	529
$W_d$	380_775	97.65	100.0	95.55	0.333	0.341		100%
$N_d$	380_775	24.41	25.0	23.88	0.333	0.341		25%
$Z_d$	380_775	17.57	18.0	17.19	0.333	0.341		18%



**Parameter:**  
 **$Y_{10}$  & Name**  
**Lichtart P55**  
 **$Y_{W,10} = 100, Y_{N,10} = 25$**