

$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [ (x - x_c) / y ]$

$b_2 = b_{20} B_c [ z / y ]$

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

$x_c = 0,110, B_c = 1,300$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$

Farbenraum ( $C_{AB,2}, L_{CIE}^*$ )

$L_{CIE}^* = 116(Y/100)^{1/3} - 16$  ( $Y > 0,8856$ ) oder

$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$

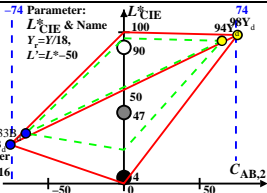
Lichtart P40,  $Y_W=90.0, Y_N=3.6$

-74 Parameter:

$L_{CIE}^*$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L_{CIE}^*$	$L_{CIE}^*$	$L_{Tur}^*$	$L_{Tar}^*$
R	573_775	64.27	39.14	2.36	0.607	0.37	600	493	1.344	-0.031	0.697	61.4	29.8	68.2	25	2.17	68.8	69.5	69.3	66.2
Y	498_775	81.9	85.98	5.83	0.471	0.494	576	468	0.73	-0.035	0.301	2.8	64.7	64.7	87	4.77	94.3	95.2	88.8	79.5
G	498_573	21.25	50.43	5.79	0.274	0.65	540	540	0.252	-0.059	0.54	-58.5	34.8	68.1	149	2.8	76.3	77.1	75.6	70.9
C	380_573	30.19	54.45	58.18	0.211	0.381	493	600	0.265	-0.555	0.501	-61.4	-29.8	68.2	205	3.02	78.7	79.5	77.5	72.3
B	380_498	12.57	7.61	54.71	0.167	0.101	468	576	0.568	-3.733	3.4	-2.8	-64.7	64.7	267	0.42	33.1	33.5	28.6	32.1
M	573_498	73.21	43.16	54.75	0.427	0.252	540	540	1.26	-0.659	0.631	58.5	-34.8	68.1	329	2.39	71.6	72.3	71.7	68.1
W	380_775	90.83	90.0	58.22	0.379	0.376	90%		0.717	-0.336	0.01	0.0	0.0	0.0	0	4.99	95.9	96.9	90.0	80.1
N	380_775	3.63	3.6	2.32	0.379	0.376	3%		0.717	-0.336	0.01	0.0	0.0	0.0	180	0.19	22.3	22.5	9.9	19.8
U	380_775	18.16	18.0	11.64	0.379	0.376	18%		0.717	-0.336	0.01	0.0	0.0	0.0	169	1.0	49.5	50.0	50.0	50.0

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