

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

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

Farbenraum ( $C_{AB,2}, L^*_{TAr}$ )

$L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y/18, x = \log[Y_r]$

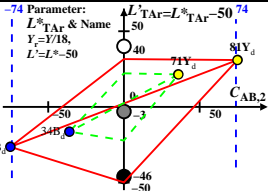
Lichtart P40,  $Y_W = 54.0, Y_N = 6.0$

-74 Parameter:

$L^*_{TAr}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L'_{CIE}$	$L'_{Cl}$	$L'_{TAr}$	$L'_{TAr}$
R	573_775	39.74	25.74	3.9	0.572	0.371	1600	493	1.247	-0.078	0.589	34.1	16.5	37.9	25	1.43	7.8	8.3	8.8	7.7
Y <sub>n</sub>	498_775	49.53	51.76	5.83	0.462	0.483	576	468	0.729	-0.058	0.278	1.5	35.9	35.9	87	2.87	27.1	27.9	26.2	21.4
G	498_573	15.84	32.01	5.8	0.295	0.596	540	403	0.31	-0.094	0.473	-32.5	19.3	37.8	149	1.77	13.3	14.0	14.3	12.2
C <sub>n</sub>	380_573	20.81	34.25	34.91	0.231	0.38	493	600	0.318	-0.529	0.443	-34.1	-16.5	37.9	205	1.9	15.1	15.8	15.9	13.6
B	380_498	11.02	8.23	32.98	0.21	0.157	468	576	0.64	-2.083	1.748	-1.5	-35.9	35.9	267	0.45	-15.5	-15.1	-19.4	-16.3
M	573_498	44.71	27.98	33.0	0.423	0.264	540	540	1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	9.8	10.4	10.9	9.4
W <sub>d</sub>	380_775	54.5	54.0	34.93	0.379	0.376	54%		0.717	-0.336	0.01	0.0	0.0	0.0	0	3.0	28.4	29.2	27.3	22.1
N <sub>d</sub>	380_775	6.05	6.0	3.88	0.379	0.376	6%		0.717	-0.336	0.01	0.0	0.0	0.0	180	0.33	-20.5	-20.2	-27.3	-22.1
U <sub>d</sub>	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	163	1.0	-0.4	0.0	0.0	0.0