

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

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

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

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

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

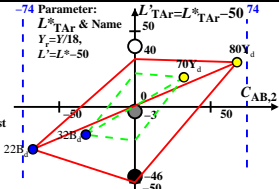
Lichtart P40,  $Y_W = 54.0, Y_N = 6.0$

-74 Parameter:  $L^*_{TAr} = L^*_{TAr} - 50$  74

$L^*_{TAr}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$



Name	Bereich	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L'_{CIE}$	$L'_{CIE}$	$L'_{TAr}$	$L'_{TAr}$
R <sub>n</sub>	573_775	35.77	23.17	3.51	0.572	0.371	1600	493	1.247	-0.078	0.589	30.7	14.9	34.1	25	1.28	5.2	5.8	6.2	5.4
Y <sub>n</sub>	498_775	44.58	46.59	5.24	0.462	0.483	576	468	0.729	-0.058	0.278	1.4	32.3	32.3	87	2.58	23.9	24.6	23.6	19.5
G <sub>n</sub>	498_573	14.26	28.81	5.22	0.295	0.596	540	40.31	-0.094	0.473	-29.2	17.4	34.0	149	1.6	10.6	11.2	11.6	10.0	
C <sub>n</sub>	380_573	18.72	30.82	31.41	0.231	0.38	493	600	0.318	-0.529	0.443	-30.7	-14.9	34.1	205	1.71	12.3	12.9	13.3	11.4
B <sub>n</sub>	380_498	9.91	7.4	29.68	0.21	0.157	468	576	0.64	-2.083	1.748	-1.4	-32.3	32.3	267	0.41	-17.2	-16.9	-22.0	-18.3
M <sub>n</sub>	573_498	40.24	25.18	29.7	0.423	0.264	540	540	1.182	-0.613	0.541	29.2	-17.4	34.0	329	1.39	7.2	7.8	8.3	7.2
W <sub>n</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>n</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>n</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