

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

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 D50,  $Y_W=72.0, Y_N=4.5$

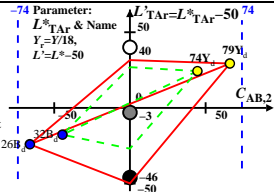
-74 Parameter:

$L^*_{TAr}$  & Name

$Y_r = Y/18,$

$L' = L^* - 50$

$L'_{TAr} = L^*_{TAr} - 50$



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	570_775	43.32	28.34	3.37	0.577	0.377	598	491	1.237	-0.047	0.645	41.0	20.0	45.7	25	1.57	10.2	10.8	11.2	9.7
Y <sub>a</sub>	496_775	54.39	61.17	5.93	0.447	0.503	573	468	0.67	-0.038	0.291	2.0	44.5	44.5	87	3.39	32.4	33.3	30.4	24.3
G	496_570	14.96	36.87	5.9	0.259	0.638	538	400	0.233	-0.064	0.5	-39.0	24.5	46.1	147	2.04	17.1	17.8	17.8	15.0
C <sub>a</sub>	380_570	23.06	40.5	53.42	0.197	0.346	491	598	0.251	-0.527	0.451	-41.0	-20.0	45.7	205	2.25	19.8	20.5	20.1	16.9
B	380_496	11.99	7.67	50.86	0.17	0.108	468	573	0.552	-2.65	2.323	-2.0	-44.5	44.5	267	0.42	-16.6	-16.3	-21.1	-17.7
M	570_496	51.41	31.97	50.89	0.382	0.238	538	538	1.146	-0.636	0.577	39.0	-24.5	46.1	327	1.77	13.3	13.9	14.2	12.2
W <sub>d</sub>	380_775	69.42	72.0	59.39	0.345	0.358	72%		0.657	-0.329	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N <sub>d</sub>	380_775	4.33	4.5	3.71	0.345	0.358	4%		0.657	-0.329	0.01	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9
U <sub>d</sub>	380_775	17.35	18.0	14.84	0.345	0.358	18%		0.657	-0.329	0.01	0.0	0.0	0.0	192	1.0	-0.4	0.0	0.0	0.0