

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

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

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

$L^*_{Clr} = L^*_{CIE}(Y) / L^*_{CIE}(18)$

Lichtart P40, $Y_W=72.0, Y_N=4.5$

Name	Bereich	X	Y	Z	x	y	λ_d	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	$h_{AB,2}$	Y_r	L^*_{CIE}	L^*_{Clr}	L^*_{Tur}	L^*_{Tar}
R _n	573_775	51.92	32.27	2.94	0.595	0.37	600	493	1.311	-0.047	0.661	47.9	23.3	53.3	25	1.79	13.5	14.2	14.5	12.4
Y _n	498_775	65.68	68.85	5.65	0.468	0.491576	468	0.729	-0.042	0.294	2.2	50.5	50.6	87	3.82	36.4	37.3	33.3	26.2	
G _n	498_573	18.3	41.08	5.62	0.281	0.631540	540	0.271	-0.071	0.518	-45.7	27.2	53.2	149	2.28	20.2	20.9	20.5	17.1	
C _n	380_573	25.29	44.22	46.54	0.217	0.381493	600	0.283	-0.547	0.482	-47.9	-23.3	53.3	205	2.45	22.3	23.1	22.3	18.5	
B _n	380_498	11.52	7.64	43.83	0.182	0.121468	576	0.601	-2.983	2.649	-2.2	-50.5	50.6	267	0.42	-16.7	-16.4	-21.2	-17.7	
M _n	573_498	58.9	35.41	43.86	0.426	0.256540	540	1.234	-0.644	0.601	45.7	-27.2	53.2	329	1.96	16.0	16.7	16.8	14.2	
W _n	380_775	72.67	72.0	46.57	0.379	0.376	72%		0.717	-0.336	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N _d	380_775	4.54	4.5	2.91	0.379	0.376	4%		0.717	-0.336	0.01	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9
U _d	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	180	1.0	-0.4	0.0	0.0	0.0

-74 Parameter:

L^*_{Clr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$

