

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

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, $Y_W=72.0, Y_N=4.5$

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_{CIE}^*	L_{Tur}^*	L_{Tar}^*
R_n	573_775	46.72	29.04	2.64	0.595	0.37	600	493	1.311	-0.047	0.661	43.1	20.9	48.0	25	1.61	60.8	61.4	61.8	60.2
Y_n	498_775	59.11	61.97	5.08	0.468	0.491	576	468	0.729	-0.042	0.294	1.9	45.5	45.5	87	3.44	82.9	83.7	80.7	74.5
G_n	498_573	16.47	36.97	5.05	0.281	0.631	540	400	0.271	-0.071	0.518	-41.1	24.5	47.9	149	2.05	67.2	67.9	67.8	65.1
C_n	380_573	22.76	39.8	41.89	0.217	0.381	493	600	0.283	-0.547	0.482	-43.1	-20.9	48.0	205	2.21	69.3	70.0	69.7	66.5
B_n	380_498	10.37	6.87	39.45	0.182	0.121	468	576	0.601	-2.983	2.649	-1.9	-45.5	45.5	267	0.38	31.5	31.8	26.0	30.2
M_n	573_498	53.01	31.87	39.47	0.426	0.256	540	540	1.234	-0.644	0.601	41.1	-24.5	47.9	329	1.77	63.2	63.8	64.1	62.1
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	87.9	88.8	84.4	76.9
N_n	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	25.2	25.5	15.5	23.0
U_n	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	49.5	50.0	50.0	50.0

