

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

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

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

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, $Y_W=54.0, Y_N=6.0$

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	35.77	23.17	3.51	0.572	0.371	600	493	1.247	-0.078	0.589	30.7	14.9	34.1	25	1.28	55.2	55.8	56.2	55.4
Y_n	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	73.9	74.6	73.6	69.5
G_n	498_573	14.26	28.81	5.22	0.295	0.596	540	403	0.31	-0.094	0.473	-29.2	17.4	34.0	149	1.6	60.6	61.2	61.6	60.0
C_n	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	62.3	62.9	63.3	61.4
B_n	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	32.7	33.0	27.9	31.6
M_n	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	57.2	57.8	58.3	57.2
W_n	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	78.4	79.2	77.3	72.1
N_n	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	29.4	29.7	22.6	27.8
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	163	1.0	49.5	50.0	50.0	50.0

