

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

$x_c = 0,110, B_c = 0,800$

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

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 D65, $Y_W=72.0, Y_N=4.5$

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'_{TU}	L'_{TAR}
R_n	567_775	44.52	30.08	4.93	0.559	0.378596	489	1.189	-0.052	0.645	43.0	22.2	48.5	27	1.67	11.7	12.3	12.7	10.9	
Y_n	493_775	56.33	68.12	9.45	0.42	0.508570	463	0.61	-0.044	0.304	-0.9	51.7	51.7	91	3.78	36.0	36.9	33.0	26.0	
G_n	493_567	16.08	42.53	9.42	0.236	0.625535	535	0.202	-0.07	0.498	-44.0	29.5	53.0	146	2.36	21.2	21.9	21.3	17.8	
C_n	380_567	28.18	46.41	78.36	0.184	0.303489	596	0.244	-0.54	0.418	-43.0	-22.2	48.5	207	2.57	23.8	24.5	23.5	19.4	
B_n	380_493	16.37	8.37	73.84	0.166	0.084463	570	0.66	-2.82	2.472	0.9	-51.7	51.7	271	0.46	-15.2	-14.8	-19.0	-16.0	
M_n	567_493	56.62	33.96	73.87	0.344	0.206535	535	1.134	-0.696	0.624	44.0	-29.5	53.0	326	1.88	14.9	15.5	15.7	13.4	
W_n	380_775	68.43	72.0	78.4	0.312	0.329	72%		0.616	-0.348	0.01	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9	
N_n	380_775	4.27	4.5	4.9	0.312	0.329	4%		0.616	-0.348	0.01	0.0	0.0	0	180	0.25	-24.7	-24.4	-34.4	-26.9
U_n	380_775	17.1	18.0	19.6	0.312	0.329	18%		0.616	-0.348	0.01	0.0	0.0	0	180	1.0	-0.4	0.0	0.0	0.0

