

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L^*_{CIE}$	$L^*_{CIE}$	$L^*_{TU}$	$L^*_{TA}$
$R_n$	567_775	40.07	27.07	4.43	0.559	0.378596	489	1.189	-0.052	0.645	38.7	20.0	43.6	27	1.5	9.0	9.6	10.1	8.7	
$Y_n$	493_775	50.69	61.31	8.51	0.42	0.508570	463	0.61	-0.044	0.304	-0.8	46.6	46.6	91	3.4	32.5	33.3	30.4	24.3	
$G_n$	493_567	14.47	38.28	8.48	0.236	0.625535	535	0.202	-0.07	0.498	-39.6	26.5	47.7	146	2.12	18.2	18.9	18.7	15.8	
$C_n$	380_567	25.36	41.77	70.53	0.184	0.303489	596	0.244	-0.54	0.418	-38.7	-20.0	43.6	207	2.32	20.7	21.4	20.9	17.5	
$B_n$	380_493	14.73	7.53	66.45	0.166	0.084463	570	0.66	-2.82	2.472	0.8	-46.6	46.6	271	0.41	-16.9	-16.6	-21.6	-18.0	
$M_n$	567_493	50.96	30.56	66.48	0.344	0.206535	535	1.134	-0.696	0.624	39.6	-26.5	47.7	326	1.69	12.1	12.7	13.1	11.3	
$W_n$	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

