

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L_{CIE}^*$	$L_{CIE}^*$	$L_{Tur}^*$	$L_{Tar}^*$
R	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	61.7	62.3	62.7	60.9	
Y <sub>n</sub>	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	86.0	86.9	83.0	76.0	
G	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	71.2	71.9	71.3	67.8	
C <sub>n</sub>	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	73.8	74.5	73.5	69.4	
B	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	34.7	35.1	30.9	33.9	
M	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	64.9	65.5	65.7	63.4	
W <sub>n</sub>	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	87.9	88.8	84.4	76.9	
N <sub>d</sub>	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	25.2	25.5	15.5	23.0
U <sub>d</sub>	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	49.5	50.0	50.0	50.0