

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

$x_c = 0,110, B_c = 1,000$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$

colour space ( $C_{AB,2}, L^*_{TAr}$ )

$L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y / 18, x = \log[Y_r]$

Illumin. D50,  $Y_W = 72.0, Y_N = 4.5$

Name	Range	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L^*_{CIE}$	$L^*_{CIE}$	$L^*_{TAr}$	$L^*_{TAr}$
R	570_775	48.14	31.49	3.74	0.577	0.377598	491	1.237	-0.047	0.645	45.6	22.2	50.7	25	1.74	12.9	13.5	13.9	11.9	
Y <sub>n</sub>	496_775	60.43	67.97	6.59	0.447	0.503573	468	0.67	-0.038	0.291	2.2	49.4	49.5	87	3.77	35.9	36.8	33.0	26.0	
G	496_570	16.63	40.97	6.55	0.259	0.638538	538	0.233	-0.064	0.5	-43.4	27.2	51.2	147	2.27	20.1	20.8	20.4	17.1	
C <sub>n</sub>	380_570	25.62	45.0	59.36	0.197	0.346491	598	0.251	-0.527	0.451	-45.6	-22.2	50.7	205	2.5	22.8	23.6	22.7	18.9	
B	380_496	13.32	8.52	56.52	0.17	0.108468	573	0.552	-2.65	2.323	-2.2	-49.4	49.5	267	0.47	-14.9	-14.5	-18.5	-15.6	
M	570_496	57.13	35.52	56.55	0.382	0.238538	538	1.146	-0.636	0.577	43.4	-27.2	51.2	327	1.97	16.1	16.8	16.8	14.3	
W <sub>d</sub>	380_775	69.42	72.0	59.39	0.345	0.358	72%		0.657	-0.329	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N <sub>d</sub>	380_775	4.33	4.5	3.71	0.345	0.358	4%		0.657	-0.329	0.01	0.0	0.0	0.0	0	0.25	-24.7	-24.4	-34.4	-26.9
U <sub>d</sub>	380_775	17.35	18.0	14.84	0.345	0.358	18%		0.657	-0.329	0.01	0.0	0.0	0.0	0	1.0	-0.4	0.0	0.0	0.0

