

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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. D65,  $Y_W = 90.0, Y_N = 3.6$

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	567_775	49.44	32.71	3.56	0.576	0.381596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6	
Y <sub>n</sub>	493_775	63.04	76.53	8.77	0.424	0.515570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	91	4.25	40.1	41.0	35.9	27.8	
G	493_567	16.67	47.05	8.74	0.23	0.649535	535	0.184	-0.059	0.519	-50.7	33.9	61.0	146	2.61	24.2	24.9	23.8	19.7	
C <sub>n</sub>	380_567	30.61	51.52	88.16	0.179	0.302489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3	
B	380_493	17.01	7.7	82.95	0.158	0.071463	570	0.671	-3.444	3.096	1.0	-59.6	59.6	271	0.42	-16.6	-16.2	-21.0	-17.6	
M	567_493	63.38	37.18	82.98	0.345	0.202535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	2.06	17.4	18.0	18.0	15.2	
W <sub>d</sub>	380_775	85.53	90.0	98.0	0.312	0.329	90%		0.616	-0.348	0.01	0.0	0.0	0.0	0	4.99	45.9	46.9	40.0	30.1
N <sub>d</sub>	380_775	3.42	3.6	3.92	0.312	0.329	3%		0.616	-0.348	0.01	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
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	0.0	184	1.0	-0.4	0.0	0.0	0.0

