

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

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

colour space ( $C_{AB,2}, L_{TU}^*$ )

$L_{TU}^* = 50 + 40[Y_r / \log(5)]$

-74 Parameter:

$L_{TU}^*$  & name

$Y_r = Y/18,$

$L' = L^* - 50$

$L_{TU}^*$

100

90

50

47

4

74

92Y<sub>d</sub>

13B<sub>d</sub>

$C_{AB,2}$

Illumin. A00,  $Y_W=100.0, Y_N=0.1$

Name	Range	X	Y	Z	x	y	$\lambda_d$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$h_{AB,2}$	$Y_r$	$L_{TU}^*$	$L_{Cr}^*$	$L_{TU}^*$	$L_{Ta}^*$
R	579_775	79.88	43.01	0.04	0.649	0.349605	499	1.542	-0.001	0.797	76.7	38.1	85.7	26	2.38	71.5	72.2	71.6	68.0	
Y <sub>a</sub>	504_775	104.4795	97	2.33	0.515	0.473581	474	0.856	-0.024	0.332	6.6	79.5	79.8	85	5.33	98.4	99.4	91.5	81.0	
G <sub>a</sub>	504_579	24.59	52.96	2.29	0.307	0.663547	547	0.298	-0.043	0.615	-70.1	41.3	81.4	149	2.94	77.8	78.6	76.8	71.8	
C <sub>a</sub>	380_579	29.97	56.99	35.54	0.244	0.465499	605	0.289	-0.623	0.601	-76.7	-38.1	85.7	206	3.16	80.1	80.9	78.6	73.1	
B <sub>a</sub>	380_504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.24	7.917	-6.6	-79.5	79.8	265	0.22	23.7	24.0	12.8	21.4	
M <sub>a</sub>	579_504	85.26	47.04	33.28	0.514	0.284547	547	1.425	-0.707	0.692	70.1	-41.3	81.4	329	2.61	74.2	74.9	73.8	69.7	
W <sub>a</sub>	380_775	109.8499	99.99	35.58	0.447	0.407	100%	0.828	-0.355	0.01	0.0	0.0	0.0	0	5.55	100.0	101.092	6	81.5	
N <sub>d</sub>	380_775	0.01	0.0	0.0	0.445	0.405	0%	0.827	-0.355	0.01	0.0	0.0	0.0	180	0.0	0.0	0.0	-136.20	1	
U <sub>d</sub>	380_775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	0.0	180	1.0	49.5	50.0	50.0	50.0	