

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$  colour space ( $C_{AB,2}, L^*_{TU,R}$ )

$$L^*_{TU,R} = 50 + 40[Y_R \log(S)]$$

Illumin. D65,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	X	Y	Z	$\lambda_a$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{TU,R}$	$L^*_{TU}$	$L^*_{TR}$	$L^*_{TA}$				
R	507_775	59.63	37.91	0.05	0.61	0.388596	489	1.289	0.00	0.58	63.8	32.9	71.8	27	2.1	67.9	68.6	68.5	65.6	
Y	493_775	77.11	94.25	6.76	0.432	0.529570	463	0.61	-0.022	0.25	-1.3	76.7	76.7	91	5.23	97.7	98.7	91.1	80.8	
G	493_567	17.49	56.35	6.71	0.217	0.699535	535	0.153	-0.038	0.537	-65.2	43.7	78.5	146	31.1	79.8	80.6	78.3	72.9	
C	380_567	35.41	62.09	108.84	0.171	0.3	489	596	0.204	-0.56	0.468	-63.8	-32.9	71.8	207	3.84	82.9	83.8	80.7	74.5
B	380_493	17.93	5.75	102.14	0.142	0.045463	570	0.711	-5.681	5.334	1.3	-76.7	76.7	271	0.81	28.7	29.0	21.6	27.0	
M	507_493	77.55	43.65	102.18	0.347	0.195535	535	1.213	-0.749	0.719	0.52	-43.7	78.5	326	4.42	72.0	72.7	72.0	68.3	
W	380_775	95.04	100.0	108.89	0.312	0.329	100%	0.06	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	5.55	100.0	101.092	6	81.5
N	380_775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.0	0.0	-136.201
U	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	18.0	1.0	49.5	50.0	50.0	50.0	

fec80-1a

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$  colour space ( $C_{AB,2}, L^*_{TU,R}$ )

$$L^*_{TU,R} = 50 + 40[Y_R \log(S)]$$

Illumin. D50,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	X	Y	Z	$\lambda_a$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{TU,R}$	$L^*_{TU}$	$L^*_{TR}$	$L^*_{TA}$				
R	570_775	64.89	39.99	0.05	0.618	0.381598	491	1.333	0.00	0.752	67.6	32.9	75.2	25	2.22	69.4	70.1	69.8	66.6	
Y	496_775	81.1	94.03	4.27	0.458	0.518573	468	0.671	-0.018	0.12	3.3	73.3	73.3	87	5.22	97.6	98.6	91.0	80.7	
G	496_570	18.21	54.04	4.22	0.238	0.706538	538	0.181	-0.031	0.302	-64.3	40.3	75.9	147	3.0	78.4	79.2	77.3	72.2	
C	380_570	31.53	60.01	82.44	0.181	0.344491	598	0.206	-0.549	0.540	-67.6	-32.9	75.2	205	3.5	81.8	82.6	79.9	73.9	
B	380_496	13.32	5.97	78.28	0.136	0.061468	573	0.434	-5.235	4.91	-3.3	-73.3	73.3	267	0.83	29.3	29.6	22.6	27.7	
M	570_496	78.21	45.96	78.28	0.386	0.227538	538	1.217	-0.681	0.66	0.43	-40.3	75.9	327	2.55	73.5	74.2	73.3	69.3	
W	380_775	96.42	100.0	82.49	0.345	0.358	100%	0.057	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	5.55	100.0	101.092	6	81.5
N	380_775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.0	0.0	-136.201
U	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	18.0	1.0	49.5	50.0	50.0	50.0	

fec80-2a

$XYZ_W=100.93, 100.0, 64.68$

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

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

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

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

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

$$x_c = 0,110, B_c = 1,300$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$  colour space ( $C_{AB,2}, L^*_{TU,R}$ )

$$L^*_{TU,R} = 50 + 40[Y_R \log(S)]$$

Illumin. P40,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	X	Y	Z	$\lambda_a$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{TU,R}$	$L^*_{TU}$	$L^*_{TR}$	$L^*_{TA}$				
R	573_775	70.19	41.34	0.05	0.63	0.369600	493	1.408	0.00	0.768	71.0	34.5	79.0	25	2.28	70.2	70.9	70.5	67.2	
Y	498_775	90.58	95.34	4.06	0.476	0.501576	468	0.73	-0.022	0.314	3.2	74.8	74.9	87	5.29	98.1	99.1	91.4	80.9	
G	498_573	20.4	54.21	4.06	0.259	0.689540	540	0.216	-0.038	0.382	-67.8	40.3	78.9	149	3.01	78.5	79.3	77.4	72.2	
C	380_573	30.74	58.68	64.64	0.199	0.381493	600	0.234	-0.571	0.577	-71.0	-34.5	79.0	205	3.27	81.2	82.0	79.4	73.6	
B	380_498	10.35	4.66	60.62	0.136	0.061468	576	0.435	-6.762	6.438	-3.2	-74.8	74.9	267	0.83	25.7	26.0	16.4	23.6	
M	573_498	80.55	45.79	60.67	0.43	0.244540	540	1.309	-6.688	0.689	0.78	-40.3	78.9	329	2.84	73.4	74.1	73.2	69.7	
W	380_775	100.93	100.0	64.68	0.379	0.376	100%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	5.55	100.0	101.092	6	81.5
N	380_775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.0	0.0	-136.201
U	380_775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	166	1.0	49.5	50.0	50.0	50.0		

fec80-3a

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$  colour space ( $C_{AB,2}, L^*_{TU,R}$ )

$$L^*_{TU,R} = 50 + 40[Y_R \log(S)]$$

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

Name	Range	X	Y	Z	$\lambda_a$	$\lambda_c$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{TU,R}$	$L^*_{TU}$	$L^*_{TR}$	$L^*_{TA}$				
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	71.7	72.2	71.6	68.0	
Y	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	504_579	24.59	52.96	2.39	0.307	0.663547	547	0.289	-0.043	0.615	-70.1	41.3	81.4	149	2.94	75.8	78.6	76.8	71.8	
C	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	380_504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.246	7.917	-6.6	-79.5	79.8	265	0.22	23.7	24.0	12.8	21.4	
M	579_504	85.26	47.04	33.28	0.514	0.284547	547	1.425	-8.707	0.695	0.71	-41.3	81.4	329	2.60	74.2	74.9	73.8	69.7	
W	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	0.0	0.0	5.55	100.0	101.092	6	81.5
N	380_775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.0	0.0	-136.201
U	380_775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	180	1.0	49.5	50.0	50.0	50.0		

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