

XYZ<sub>W</sub>=95.04, 100.0, 108.89

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.800$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L^*_{TU,r}$ )  
 $L^*_{TU,r} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y <sub>W</sub>	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>R</sub>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>
R	507.775	59.63	37.91	0.05	0.61	0.388596	489.1289	0.0	0.0	0.0	0.0	0.0	0.0	0.758	63.8	32.9	71.8	27	2.1	17.9	18.6	18.5	15.6		
Y	493.775	77.19	94.25	6.76	0.432	0.529570	463.061	-0.022	0.325	-1.3	76.7	76.7	91	5.229	47.7	48.7	41.1	30.8							
G	493.567	17.41	56.35	6.71	0.217	0.699535	535.0153	-0.038	0.557	-65.2	43.7	78.5	146	3.1	29.8	30.6	28.3	22.9							
C	380.567	35.41	62.09	108.84	0.171	0.3	489.596	20.04	-0.56	0.463	-63.8	-32.9	71.8	207	3.4	32.9	33.8	30.7	24.5						
B	380.493	17.93	57.75	102.14	0.142	0.045463	570.0711	-0.681	5.334	1.3	-76.7	76.7	271	0.31	-21.2	-20.9	-28.3	-22.9							
M	507.493	77.55	43.65	102.18	0.342	0.193553	535.1213	-0.749	7.719	65.2	-43.7	78.5	326	4.2	22.0	22.7	22.0	18.3							
W	380.775	95.04	100.0	108.89	0.310	0.299	100%	0.06	-0.348	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5							
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	180	0.0	-49.9	-49.9	-186.2	-49.8							
U	380.775	17.1	18.0	19.6	0.132	0.329	18%	0.616	-0.348	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0							

fec30-1a

XYZ<sub>W</sub>=96.42, 100.0, 82.49

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L^*_{TU,r}$ )  
 $L^*_{TU,r} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y <sub>W</sub>	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>R</sub>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>
R	570.775	64.89	39.99	0.05	0.618	0.381598	491.1333	0.0	0.0	0.0	0.0	0.0	0.0	0.752	67.6	32.9	75.2	25	2.229	19.4	20.1	19.8	16.6		
Y	496.775	83.1	94.03	4.27	0.458	0.518573	468.071	-0.038	0.312	3.3	73.3	73.3	87	5.52	47.6	48.6	41.0	30.7							
G	496.570	18.21	54.04	4.22	0.238	0.706538	538.0181	-0.038	0.562	-64.3	40.3	75.9	147	3.0	28.4	29.2	27.3	22.2							
C	380.570	31.53	60.01	82.44	0.181	0.344491	598.206	-0.549	0.501	-67.6	-32.9	75.2	205	3.63	31.8	32.6	29.9	23.9							
B	380.496	13.32	5.97	78.23	0.136	0.061468	573.0434	-5.235	3.91	-3.3	-73.3	73.3	267	0.3	-20.6	-20.3	-27.3	-22.2							
M	570.496	78.21	45.96	78.28	0.386	0.227538	538.1217	-0.681	0.66	64.3	-40.3	75.9	327	2.55	23.5	24.2	23.3	19.3							
W	380.775	96.42	100.0	82.49	0.345	0.358	100%	0.657	-0.329	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5							
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	180	0.0	-49.9	-49.9	-186.2	-49.8							
U	380.775	17.35	18.0	14.84	0.345	0.358	18%	0.657	-0.329	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0							

fec30-2a

XYZ<sub>W</sub>=100.93, 100.0, 64.68

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.300$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L^*_{TU,r}$ )  
 $L^*_{TU,r} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y <sub>W</sub>	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>R</sub>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>
R	573.775	70.19	41.14	0.05	0.63	0.369600	493.1408	0.0	0.0	0.0	0.0	0.0	0.0	0.768	71.0	34.5	79.0	25	2.28	20.2	20.9	20.5	17.2		
Y	498.775	90.58	95.34	4.06	0.476	0.501576	468.073	-0.022	0.314	3.2	74.8	74.9	87	5.229	48.1	49.1	41.4	30.9							
G	498.573	20.4	58.21	4.02	0.259	0.689540	540.0216	-0.038	0.582	-67.8	40.3	78.9	149	3.0	28.5	29.3	27.4	22.6							
C	380.573	30.74	54.66	64.68	0.199	0.381493	600.224	-0.577	0.537	-71.0	-34.5	79.0	205	3.67	31.2	32.0	29.4	23.6							
B	380.498	10.35	4.66	60.62	0.136	0.061468	576.0435	-6.762	6.432	-3.2	-74.8	74.9	267	0.25	-24.2	-23.9	-33.5	-26.3							
M	573.498	80.53	45.79	60.67	0.43	0.244540	540.1309	-0.688	6.689	67.8	-40.3	78.9	329	2.54	23.4	24.1	23.2	19.2							
W	380.775	100.93	100.0	64.68	0.379	0.376	100%	0.717	-0.336	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5							
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	180	0.0	-49.9	-49.9	-186.2	-49.8							
U	380.775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0							

fec30-3a

XYZ<sub>W</sub>=109.84, 99.99, 35.58

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 2.500$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L^*_{TU,r}$ )  
 $L^*_{TU,r} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y <sub>W</sub>	Z	X <sub>N</sub>	Y <sub>N</sub>	Z <sub>N</sub>	λ <sub>a</sub>	λ <sub>c</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	λ <sub>e</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	A <sub>AB,2</sub>	B <sub>AB,2</sub>	Y <sub>R</sub>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>	L <sub>TU,r</sub> <sup>*</sup>
R	579.775	79.88	43.01	0.04	0.649	0.349605	499.1542	0.001	0.797	76.7	38.1	85.7	26	2.38	71.5	22.2	21.6	18.0							
Y	504.775	104.4795	97.23	3.31	0.515	0.473581	474.0856	-0.024	0.332	6.6	79.5	79.8	85	5.33	48.4	49.4	41.5	31.0							
G	504.579	24.59	52.96	3.29	0.307	0.663547	547.028	-0.043	0.615	-70.1	41.3	81.4	149	2.94	27.8	28.6	26.8	21.1							
C	380.579	29.97	56.99	35.54	0.244	0.465499	605.289	-0.603	0.601	-76.7	-38.1	85.7	206	3.6	30.1	30.9	28.6	23.1							
B	380.504	5.38	4.03	33.24	0.126	0.094474	581.0172	-8.241	7.917	-6.6	-79.5	79.8	265	0.02	-26.2	-25.9	-37.1	-28.5							
M	579.504	85.26	47.04	33.28	0.514	0.284547	547.1425	-0.707	6.92	70.1	-41.3	81.4	329	1.61	24.2	24.9	23.8	19.7							
W	380.775	109.8499	99.99	35.58	0.447	0.407	100%	0.828	-0.355	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5							
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	180	0.0	-49.9	-49.9	-186.2	-49.8							
U	380.775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0							

fec30-4a

fec30-7R\_R