

XYZ_W=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 ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. D65, $Y_W = 72.0, Y_N = 4.5$

Name	Range	X	Y	Z	X _N	Y _N	Z _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	
R	567, 775	44.52	30.08	4.93	0.559	0.378	896	489	1.189	-0.052	0.645	43.0	22.2	48.5	27	1.67	11.7	12.3	12.7	10.9		
Y	493, 775	56.38	68.12	9.45	0.42	0.508	570	463	0.61	-0.044	0.304	-0.9	51.1	51.7	9.1	3.78	36.0	36.9	33.0	26.0		
G	493, 567	16.08	42.53	9.42	0.236	0.625	535	202	-0.007	0.498	-44.0	29.5	53.0	146	23.6	21.2	21.9	21.3	17.8			
C	380, 567	28.18	46.41	78.36	0.184	0.303	489	596	0.244	-0.54	0.418	-43.0	-22.2	48.5	207	2.57	23.8	24.5	23.5	19.4		
B	380, 493	16.37	8.37	78.36	0.166	0.084	463	570	0.066	-2.82	2.472	0.9	-51.7	51.7	271	0.46	-15.2	-14.8	-19.0	-16.0		
M	567, 493	56.62	33.96	73.87	0.344	0.206	535	1334	-0.696	0.624	44.0	-29.5	53.0	326	1.88	14.9	15.5	15.7	13.4			
W	380, 775	68.43	72.0	78.4	0.312	0.329	726	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	47.9	38.8	34.4	26.9				
N	380, 775	4.27	4.5	4.9	0.312	0.329	44	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9		
U	380, 775	18.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0		

fec21-1a

XYZ_W=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 ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

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

Name	Range	X	Y	Z	X _N	Y _N	Z _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	
R	570, 775	48.14	31.49	3.74	0.577	0.377	598	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	496, 775	60.43	67.97	6.59	0.447	0.503	573	468	0.67	-0.038	0.291	22	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	0.638	538	235	-0.064	0.5	-43.4	27.2	51.2	147	22.7	20.1	20.8	20.4	17.1			
C	380, 570	25.62	45.0	59.36	0.197	0.346	491	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	0.108	468	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	0.238	538	1146	-0.636	0.577	43.4	-27.2	51.2	327	1.97	16.1	16.8	16.8	14.3			
W	380, 775	69.42	72.0	59.39	0.345	0.358	726	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	47.9	38.8	34.4	26.9				
N	380, 775	4.33	4.5	3.71	0.345	0.358	44	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9		
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	0.0	192	1.0	-0.4	0.0	0.0	0.0		

fec21-2a

XYZ_W=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 ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. P40, $Y_W = 72.0, Y_N = 4.5$

Name	Range	X	Y	Z	X _N	Y _N	Z _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	
R	573, 775	51.92	32.27	2.94	0.595	0.37	600	493	1.11	-0.047	0.661	47.9	23.3	53.3	25	1.79	13.5	14.2	14.5	12.4		
Y	498, 775	65.68	68.85	5.65	0.468	0.491	576	468	0.729	-0.042	0.294	22	50.5	50.6	87	3.82	36.4	37.3	33.3	26.2		
G	498, 573	18.3	41.08	5.62	0.281	0.631	540	271	-0.071	0.518	-45.7	27.2	53.2	149	22.8	20.2	20.9	20.5	17.1			
C	380, 573	25.29	44.22	46.54	0.217	0.381	493	600	0.283	-0.547	0.482	-47.9	-23.3	53.3	205	2.45	22.3	23.1	22.3	18.5		
B	380, 498	11.52	7.64	43.83	0.182	0.121	468	576	0.601	-2.983	2.649	-2.2	-50.5	50.6	267	0.42	-16.7	-16.4	-21.2	-17.7		
M	573, 498	58.59	35.41	43.86	0.426	0.256	540	1234	-0.644	0.601	45.7	-27.2	53.2	329	1.96	16.0	16.7	16.8	14.2			
W	380, 775	67.67	72.0	46.57	0.379	0.376	726	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	47.9	38.8	34.4	26.9				
N	380, 775	4.54	4.5	29.1	0.379	0.376	44	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9		
U	380, 775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0		

fec21-3a

XYZ_W=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 ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. A00, $Y_W = 72.0, Y_N = 4.5$

Name	Range	X	Y	Z	X _N	Y _N	Z _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	L _{Clr}	
R	579, 775	58.86	33.53	1.62	0.626	0.356	605	499	1.446	-0.048	0.69	51.8	25.7	57.8	26	1.86	14.5	15.2	15.4	13.1		
Y	504, 775	75.46	69.28	3.17	0.51	0.468	581	474	0.854	-0.045	0.311	44	53.6	53.8	85	3.84	36.6	37.5	33.4	26.3		
G	504, 579	21.53	40.25	3.15	0.31	0.619	547	305	-0.078	0.546	-47.3	27.9	54.9	149	22.3	19.6	20.3	20.0	16.7			
C	380, 579	25.17	42.96	25.59	0.268	0.458	499	605	0.345	-0.595	0.539	-51.8	-25.7	57.8	206	2.38	21.5	22.2	21.6	18.0		
B	380, 504	8.27	24.01	21.5	0.215	0.181	474	581	0.581	-3.322	2.986	-4.4	-53.6	53.8	265	0.4	-17.7	-17.3	-22.7	-18.8		
M	579, 504	65.49	36.24	24.07	0.508	0.295	547	1351	-0.664	0.606	47.3	-27.9	54.9	329	2.01	16.7	17.3	17.3	14.7			
W	380, 775	79.09	71.99	25.61	0.447	0.407	726	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	47.9	38.8	34.4	26.9				
N	380, 775	4.94	4.5	16.61	0.447	0.407	44	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9		
U	380, 775	19.77	19.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0		

fec21-4a

fec20-7R_R