

$XYZ_W=95.04, 100.0, 108.89$

-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 ($C_{AB,2}, L_{CIE}^*$)

$$L_{CIE}^* = 116(Y/100)^{1/3} - 16 \quad (\gamma = 0.8856) \text{ or}$$

$$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$$

Illumin. D65, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{CIE} [*]	L _{CIE} [*]	L _{TUV} [*]	L _{TAF} [*]			
R	567.775	30.89	21.77	5.9	0.527	0.371596	489	1.122	-0.086	0.57	27.5	14.2	31.0	27	1.2	53.7	54.3	54.7	54.1		
Y	493.775	38.44	46.11	8.79	0.41	0.493570	463	0.61	-0.061	0.287	0.5	33.1	33.1	91	1.56	73.6	74.3	73.3	69.3		
G	493.567	12.68	29.77	7.70	0.247	0.58	535	5350.237	-0.094	0.456	-28.1	18.8	33.9	146	2.05	61.4	62.0	62.1	60.7		
C	380.567	20.43	32.22	52.9	0.193	0.305489	596	0.273	-0.525	0.388	-27.5	-14.2	31.0	207	1.79	63.5	64.1	64.4	62.3		
B	380.493	12.87	7.88	50.0	0.181	0.111463	570	0.646	-0.203	1.682	0.5	-33.1	33.1	271	0.43	33.7	34.0	29.4	32.7		
M	567.493	58.32	24.25	50.0	0.02	0.342	2.214535	535	1.08	-0.659	0.559	28.1	-18.8	33.9	326	1.34	56.3	56.9	57.4	56.4	
W	380.775	31.63	54.0	58.8	0.312	0.329	546	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1	
N	380.775	5.7	6.0	6.53	0.312	0.329	6.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	178	0.33	29.4	29.7	22.6	27.8
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	0.0	0.0	180	1.0	49.5	50.0	50.0	50.0

fed61-5a

$XYZ_W=96.42, 100.0, 82.49$

-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 ($C_{AB,2}, L_{CIE}^*$)

$$L_{CIE}^* = 116(Y/100)^{1/3} - 16 \quad (\gamma = 0.8856) \text{ or}$$

$$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$$

Illumin. D50, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{CIE} [*]	L _{CIE} [*]	L _{TUV} [*]	L _{TAF} [*]			
R	570.775	33.24	22.67	4.47	0.55	0.375598	491	1.172	-0.078	0.573	29.2	14.2	32.5	25	1.25	54.7	55.2	55.7	54.9		
Y	496.775	41.41	46.02	6.29	0.44	0.492573	468	0.609	-0.054	0.275	1.4	31.6	31.7	87	1.59	73.5	74.3	73.3	69.3		
G	496.570	13.07	28.74	6.27	0.271	0.597538	5380.27	-0.087	0.456	-27.7	17.4	32.8	147	2.59	60.5	61.1	61.6	60.0			
C	380.570	18.82	31.32	40.07	0.208	0.347491	598	0.284	-0.511	0.415	-29.2	-14.2	32.5	205	1.74	62.7	63.4	63.7	61.8		
B	380.496	10.96	7.97	38.25	0.191	0.139468	573	0.585	-0.171	1.589	-1.4	-31.6	31.7	267	0.44	33.9	34.2	29.7	33.0		
M	570.496	38.99	25.25	38.27	0.38	0.246538	538	1.097	-0.606	0.519	27.7	-17.4	32.8	327	1.4	57.3	57.9	58.4	57.3		
W	380.775	32.06	54.0	44.54	0.345	0.358	546	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1		
N	380.775	5.78	6.0	4.94	0.345	0.358	6.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	181	0.33	29.4	29.7	22.6	27.8
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	0.0	201	1.0	49.5	50.0	50.0	50.0

fed61-6a

$XYZ_W=100.93, 100.0, 64.68$

-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 ($C_{AB,2}, L_{CIE}^*$)

$$L_{CIE}^* = 116(Y/100)^{1/3} - 16 \quad (\gamma = 0.8856) \text{ or}$$

$$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$$

Illumin. P40, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{CIE} [*]	L _{CIE} [*]	L _{TUV} [*]	L _{TAF} [*]			
R	573.775	35.77	23.17	3.51	0.572	0.371600	493	1.247	-0.078	0.589	30.7	14.9	34.1	25	1.28	55.2	55.8	56.2	55.4		
Y	498.775	44.58	46.59	5.24	0.462	0.483576	468	0.729	-0.058	0.278	1.4	32.3	32.3	87	1.58	73.9	74.6	73.6	69.5		
G	498.573	14.26	28.81	5.22	0.295	0.596540	5400.31	-0.099	0.443	-29.2	17.4	34.0	149	1.6	60.6	61.2	61.6	60.0			
C	380.573	18.72	30.82	31.41	0.231	0.38	493	0.600	-0.529	0.403	-30.7	-14.9	34.1	205	1.71	62.2	62.9	63.3	61.4		
B	380.498	9.91	7.4	29.68	0.21	0.157468	576	0.64	-0.283	1.748	-1.4	-32.3	32.3	267	0.41	32.7	33.0	27.9	31.6		
M	573.498	40.24	25.18	29.7	0.423	0.264540	540	1.182	-0.613	0.541	29.2	-17.4	34.0	329	1.39	57.2	57.8	58.3	57.2		
W	380.775	54.5	54.0	34.93	0.379	0.376	546	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1		
N	380.775	6.05	6.0	3.88	0.379	0.376	6.0	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	180	0.33	29.4	29.7	22.6	27.8
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	0.0	163	1.0	49.5	50.0	50.0	50.0

fed61-7a

$XYZ_W=109.84, 99.99, 35.58$

-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 ($C_{AB,2}, L_{CIE}^*$)

$$L_{CIE}^* = 116(Y/100)^{1/3} - 16 \quad (\gamma = 0.8856) \text{ or}$$

$$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$$

Illumin. A00, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{CIE} [*]	L _{CIE} [*]	L _{TUV} [*]	L _{TAF} [*]			
R	579.775	40.44	23.98	1.93	0.609	0.361605	499	1.381	-0.08	0.618	33.1	16.4	37.0	26	1.33	56.0	56.6	57.1	56.1		
Y	504.775	51.06	46.86	2.93	0.506	0.464581	474	0.852	-0.062	0.294	2.8	34.3	34.4	85	2.6	74.1	74.8	73.7	69.6		
G	504.579	16.55	28.28	2.91	0.346	0.592547	5470.399	-0.103	0.497	-30.3	17.8	35.1	149	1.57	60.1	60.7	61.2	59.6			
C	380.579	18.87	30.01	17.27	0.285	0.453499	605	0.386	-0.575	0.499	-33.1	-16.4	37.0	209	1.66	61.6	62.2	62.7	60.9		
B	380.504	8.25	7.13	16.28	0.26	0.225474	581	0.668	-0.281	1.932	-2.8	-34.3	34.4	265	0.39	32.1	32.4	27.0	30.9		
M	579.504	42.76	25.16	16.3	0.504	0.303547	547	1.3	-0.633	0.547	30.3	-17.8	35.1	329	1.42	57.7	58.3	58.8	57.6		
W	380.775	59.31	53.99	19.21	0.447	0.407	546	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1		
N	380.775	6.59	5.99	2.13	0.447	0.407	6.0	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	0.0	176	0.33	29.4	29.7	22.6	27.8
U	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	0.0	0.0	163	1.0	49.5	50.0	50.0	50.0

fed61-8a

fed60-7R_R