

$XYZ_W = 95.04, 100.0, 108.89$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 0.800$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

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

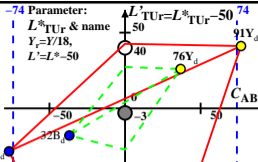
Illumin. D65, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x_N	y_N	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$
R	507.775	34.32	24.19	6.55	0.527	0.371	1996	489	1.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	8.2	6.8	7.3	6.3	
Y	493.775	42.71	51.24	9.77	0.41	0.493	570	463	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	26.8	27.6	26.0	21.2	
G	493.567	40.09	9.75	6.55	0.247	0.58	535	535	0.237	-0.094	0.456	-31.3	20.9	37.6	146	1.18	14.2	14.8	15.1	12.8	
C	380.567	22.7	35.8	58.77	0.193	0.305	489	596	0.273	-0.523	0.385	-30.6	-15.8	34.4	207	1.08	16.3	17.0	17.0	14.5	
B	380.493	14.3	8.75	55.56	0.181	0.111	463	570	0.646	-2.03	1.682	0.6	-36.8	36.8	271	0.48	-14.4	-14.1	-17.9	-15.1	
M	507.493	49.93	26.95	55.88	0.342	0.214	535	535	1.08	-0.659	0.559	31.3	-20.9	37.6	326	4.9	8.9	9.5	10.0	8.6	
W	380.775	51.23	54.0	58.8	0.312	0.329	546	0.616	-0.348	0.01	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1	22.1		
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	178	0.33	-20.5	-20.2	-27.3	-22.1		
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	189	1.0	-0.4	0.0	0.0	0.0		

fec31-5a

-74 Parameter:

$L^*_{TU,r} = L^*_{TU,r} - 50$
 $L^*_{TU,r}$ & name
 $Y_c = Y/18,$
 $L' = L^* - 50$



$XYZ_W = 96.42, 100.0, 82.49$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 1.000$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

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, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x_N	y_N	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$
R	570.775	36.93	25.19	4.97	0.55	0.375	598	491	1.172	-0.078	0.573	32.4	15.8	36.1	25	1.39	7.2	7.8	8.3	7.2	
Y	496.775	45.67	51.13	6.99	0.44	0.492	573	468	0.609	-0.034	0.275	1.5	35.1	35.2	8.7	2.8	26.7	27.5	25.9	21.2	
G	496.570	44.32	9.75	6.97	0.271	0.597	538	538	0.237	-0.068	0.456	-30.8	19.3	36.4	147	1.7	13.2	13.9	14.2	12.2	
C	380.570	20.92	34.8	44.52	0.208	0.347	491	598	0.284	-0.511	0.415	-32.4	-15.8	36.1	205	1.93	15.5	16.2	16.3	13.9	
B	380.496	12.17	8.86	42.5	0.191	0.139	468	573	0.585	-1.917	1.589	-1.5	-35.1	35.2	267	0.49	-14.2	-13.9	-17.6	-14.9	
M	570.496	43.23	28.06	42.52	0.38	0.246	538	538	1.097	-0.606	0.519	30.8	-19.3	36.4	327	1.55	9.9	10.5	11.0	9.5	
W	380.775	52.06	54.0	44.54	0.345	0.358	546	0.657	-0.329	0.01	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1			
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	18	0.33	-20.5	-20.2	-27.3	-22.1		
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	20	1.0	-0.4	0.0	0.0	0.0		

fec31-6a

$XYZ_W = 100.93, 100.0, 64.68$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 1.300$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

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, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x_N	y_N	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$
R	573.775	39.74	25.74	3.9	0.572	0.371	600	493	1.247	-0.078	0.589	34.1	16.5	37.9	25	1.43	7.1	8.3	8.8	7.7	
Y	498.775	49.53	51.76	5.83	0.462	0.483	576	468	0.729	-0.058	0.278	1.5	35.9	35.9	8.7	2.8	27.1	27.9	26.2	21.4	
G	498.573	15.84	32.01	5.8	0.295	0.596	540	540	0.31	-0.094	0.473	-32.5	19.3	37.8	149	1.7	13.3	14.0	14.3	12.2	
C	380.573	20.81	34.25	34.91	0.231	0.38	493	600	0.318	-0.523	0.443	-34.1	-16.5	37.9	205	1.9	15.1	15.8	15.9	13.6	
B	380.498	11.02	8.23	32.98	0.21	0.157	468	576	0.64	-2.083	1.748	-1.5	-35.9	35.9	267	0.45	-15.5	-15.1	-19.4	-16.3	
M	573.498	44.71	27.98	33.0	0.423	0.264	540	540	1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	9.8	10.4	10.9	9.4	
W	380.775	54.5	54.0	34.93	0.379	0.376	546	0.717	-0.336	0.01	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1			
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	180	0.33	-20.5	-20.2	-27.3	-22.1		
U	380.775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	165	1.0	-0.4	0.0	0.0	0.0			

fec31-7a

$XYZ_W = 109.84, 99.99, 35.58$

$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 2.500$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

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, $Y_W = 54.0, Y_c = 6.0$

Name	Range	X	Y	Z	x_N	y_N	λ_c	λ_c	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AB,2}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$	$L^*_{TU,r}$
R	579.775	44.93	26.64	2.15	0.609	0.361	605	499	1.381	-0.08	0.618	36.8	18.3	41.1	26	1.48	8.6	9.2	9.7	8.4	
Y	504.775	56.73	52.06	3.25	0.506	0.464	581	474	0.852	-0.062	0.294	3.1	38.1	38.3	8.5	2.89	27.3	28.1	26.3	21.5	
G	504.579	18.39	31.42	3.23	0.346	0.592	547	540	0.39	-0.103	0.497	-33.6	19.8	39.1	149	1.7	12.8	13.5	13.8	11.8	
C	380.579	20.97	34.35	19.19	0.285	0.453	499	605	0.386	-0.575	0.495	-36.8	-18.3	41.1	206	1.95	14.4	15.0	15.3	13.0	
B	380.504	9.17	7.93	18.09	0.26	0.225	474	581	0.668	-2.28	1.932	-3.1	-38.1	38.3	325	0.44	-16.1	-15.8	-20.3	-17.0	
M	579.504	47.51	28.57	11.01	0.504	0.305	547	547	1.3	-0.633	0.547	33.6	-19.8	39.1	329	1.58	10.4	11.0	11.4	9.9	
W	380.775	59.31	53.99	19.21	0.447	0.407	546	0.828	-0.355	0.01	0.0	0.0	3.0	28.4	29.2	27.3	22.1	22.1			
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	176	0.33	-20.5	-20.2	-27.3	-22.1		
U	380.775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	16	1.0	-0.4	0.0	0.0	0.0			

fec31-8a

fec30-7R_R