

XYZ_W=95.04, 100.0, 108.89

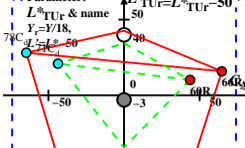
$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 0.800$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald colours (o), $C_{AB2} = \text{const}$
 colour space (C_{AB2}, L^*_{TUr})
 $L^*_{TUr} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB2}	L _{TUr}	Y _R	L _{TUr}	L _{TUr}	L _{TUr}	L _{TUr}
R	567.775	40.07	27.07	4.43	0.559	0.378596	489	1.189	-0.052	0.645	38.7	20.0	43.6	27	1.5	9.0	9.6	10.1	8.7	
Y	493.775	50.69	61.31	8.51	0.42	0.508570	463	0.61	-0.004	0.334	-0.8	46.6	46.6	9.1	3.4	32.5	33.3	30.4	24.3	
G	493.567	14.47	38.28	8.48	0.236	0.625535	535	0.202	-0.077	0.498	-39.9	26.5	47.7	146	2.2	18.2	18.9	18.7	15.8	
C	380.567	25.36	71.77	70.53	0.184	0.303489	596	0.244	-0.54	0.418	-38.7	-20.0	43.6	207	2.32	20.7	21.4	20.9	17.5	
B	380.493	14.73	75.53	66.45	0.166	0.084463	570	0.06	-2.82	2.472	1.8	-46.6	46.6	271	6.41	-16.9	-16.6	-21.6	-18.0	
M	567.493	50.96	30.56	66.48	0.344	0.206535	535	1.134	-0.696	0.624	39.6	-26.5	47.7	326	1.69	12.1	12.7	13.1	11.3	
W	380.775	68.43	72.0	78.8	0.312	0.329	72%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	4.0	37.9	38.8	34.4	26.9	
N	380.775	4.27	4.5	4.9	0.312	0.329	4%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	18.0	2.25	-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	18.0	1.0	-0.4	0.0	0.0	0.0

fec31-1a

-74 Parameter: $L^*_{TUr} = L^*_{TUr} - 50$



XYZ_W=96.42, 100.0, 82.49

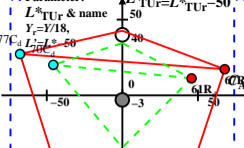
$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 1.000$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald colours (o), $C_{AB2} = \text{const}$
 colour space (C_{AB2}, L^*_{TUr})
 $L^*_{TUr} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB2}	L _{TUr}	Y _R	L _{TUr}	L _{TUr}	L _{TUr}	L _{TUr}
R	570.775	43.32	28.34	3.57	0.577	0.377598	491	1.237	-0.047	0.45	41.0	20.0	45.7	25	1.57	10.2	10.8	11.2	9.7	
Y	496.775	54.39	61.17	5.93	0.447	0.503573	468	0.67	-0.038	0.20	2.0	44.5	44.5	8.7	3.39	32.4	33.3	30.4	24.3	
G	496.570	14.96	36.87	5.9	0.259	0.638538	538	0.235	-0.064	0.5	-39.0	24.5	46.1	147	2.04	17.1	17.8	17.8	15.0	
C	380.570	23.06	40.5	53.42	0.197	0.346491	598	0.251	-0.527	0.451	-41.0	-20.0	45.7	205	2.25	19.8	20.5	20.1	16.9	
B	380.496	11.99	76.7	50.86	0.17	0.108468	573	0.552	-2.65	2.325	-2.0	-44.5	44.5	267	6.42	-16.6	-16.3	-21.1	-17.7	
M	570.496	51.41	31.97	50.89	0.382	0.238538	538	1.146	-0.636	0.577	39.0	-24.5	46.1	327	1.77	13.3	13.9	14.2	12.2	
W	380.775	69.42	72.0	78.8	0.312	0.329	72%	0.657	-0.329	0.01	0.0	0.0	0.0	4.0	37.9	38.8	34.4	26.9		
N	380.775	4.33	4.5	4.9	0.312	0.329	4%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	18.0	2.25	-24.7	-24.4	-34.4	-26.9
U	380.775	17.35	18.0	19.6	0.312	0.329	18%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	18.0	1.0	-0.4	0.0	0.0	0.0

fec31-2a

-74 Parameter: $L^*_{TUr} = L^*_{TUr} - 50$



XYZ_W=100.93, 100.0, 64.68

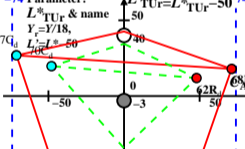
$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 1.300$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald colours (o), $C_{AB2} = \text{const}$
 colour space (C_{AB2}, L^*_{TUr})
 $L^*_{TUr} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB2}	L _{TUr}	Y _R	L _{TUr}	L _{TUr}	L _{TUr}	L _{TUr}
R	573.775	46.72	29.04	2.64	0.595	0.37	600	493	1.311	-0.047	0.661	43.1	20.9	48.0	25	1.64	12.9	13.4	11.8	10.2
Y	498.775	59.11	61.97	5.08	0.468	0.491576	468	0.729	-0.042	0.384	1.9	45.5	45.5	8.7	3.41	32.9	33.7	30.7	24.5	
G	498.573	16.47	36.97	5.05	0.281	0.631540	540	0.271	-0.071	0.538	-41.1	24.5	47.9	149	2.05	17.2	17.9	17.8	15.1	
C	380.573	22.76	39.95	41.89	0.217	0.381493	600	0.283	-0.547	0.488	-43.1	-20.9	48.0	205	2.31	19.3	20.0	19.7	16.5	
B	380.498	10.37	68.87	39.45	0.182	0.121468	576	0.601	-2.983	2.648	-1.9	-45.5	45.5	267	6.8	-18.1	-18.1	-23.9	-19.7	
M	573.498	53.01	31.87	39.47	0.426	0.256540	540	1.234	-0.644	0.601	41.1	-24.5	47.9	327	1.57	13.2	13.8	14.1	12.1	
W	380.775	72.67	72.0	78.8	0.312	0.329	72%	0.717	-0.336	0.01	0.0	0.0	0.0	4.0	37.9	38.8	34.4	26.9		
N	380.775	4.54	4.5	4.9	0.312	0.329	4%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	18.0	2.25	-24.7	-24.4	-34.4	-26.9
U	380.775	18.16	18.0	19.6	0.312	0.329	18%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	18.0	1.0	-0.4	0.0	0.0	0.0

fec31-3a

-74 Parameter: $L^*_{TUr} = L^*_{TUr} - 50$



XYZ_W=109.84, 99.99, 35.58

$A_2 = 2.5 (a_2 - a_{2,n}) Y$
 $B_2 = 2.5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_c = 2.500$
 $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$
 6 Ostwald colours (o), $C_{AB2} = \text{const}$
 colour space (C_{AB2}, L^*_{TUr})
 $L^*_{TUr} = 50 + 40[Y_R / \log(5)]$

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

Name	Range	X	Y	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB2}	L _{TUr}	Y _R	L _{TUr}	L _{TUr}	L _{TUr}	L _{TUr}
R	579.775	52.97	30.18	1.46	0.626	0.356605	499	1.446	-0.048	0.69	46.6	23.1	52.0	26	1.67	11.8	12.4	12.8	11.0	
Y	504.775	67.91	62.35	2.86	0.51	0.468581	474	0.854	-0.045	0.311	4.0	48.3	48.4	8.5	3.64	35.1	33.9	30.8	24.6	
G	504.579	19.38	36.62	2.83	0.31	0.619547	547	0.357	-0.078	0.46	-42.6	25.1	49.4	149	2.01	16.6	17.3	17.3	14.7	
C	380.579	22.65	38.66	23.03	0.203	0.268	458	0.499	-0.595	0.399	-46.6	-23.1	52.0	206	2.18	18.5	19.2	19.0	16.0	
B	380.504	7.71	6.49	21.63	0.215	0.181474	581	0.581	-3.332	2.988	-4.0	-48.3	48.4	265	6.8	-19.3	-19.0	-25.3	-20.7	
M	579.504	56.24	32.62	61.66	0.508	0.295547	547	1.351	-0.664	0.606	42.6	-25.1	49.4	329	1.81	13.8	14.5	14.7	12.6	
W	380.775	79.09	71.99	25.61	0.447	0.407	72%	0.828	-0.355	0.01	0.0	0.0	0.0	4.0	37.9	38.8	34.4	26.9		
N	380.775	4.94	4.49	4.6	0.447	0.407	4%	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	18.0	2.25	-24.7	-24.4	-34.4	-26.9
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	18.0	1.0	-0.4	0.0	0.0	0.0

fec31-4a

-74 Parameter: $L^*_{TUr} = L^*_{TUr} - 50$

