

XYZ_w=95.04, 100.0, 108.89 $A_2 = 2.5 (a_2 - a_{2n}) Y$ $B_2 = 2.5 (b_2 - b_{2n}) Y$ $a_2 = a_{20} [(x - x_c) / y]$ $b_2 = b_{20} B_c [z / y]$ $a_{20} = 1, b_{20} = -0.4$ $x_c = 0.110, B = 0.800$ $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$ 6 Ostwald colours (o), $C_{AB2} = \text{const}$ colour space (C_{AB2}, L^*_{TAr}) $L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$ $Y_r = Y/18, x = \log[Y_r]$ Illumin. D65, $Y_w = 54.0, Y_n = 6.0$

Minimum DBS, Y _W =54.0, Y _N =6.0										-50			0			50			
Name	Range	X	Y _w	Z	x	N _y	λ _d	λ _c	a ₂	b ₂	C ₂	A ₂	B ₂	C _{AB2}	h _{AB2}	Y _r	L [*] _{TAr}	L [*] _{Tuv}	L [*] _{TAr}
R	567	775	34.32	24.19	6.55	0.527	0.371596	489	1.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	56.2	56.8	57.3
Y	493	775	42.71	51.24	9.77	0.41	0.493570	463	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	76.8	77.6	76.0
G	493	567	14.09	33.04	9.75	0.247	0.58	535	0.237	-0.094	0.456	-31.3	20.9	37.6	146	1.83	64.2	64.8	65.1
C	380	567	22.7	35.8	58.77	0.193	0.305489	596	0.273	-0.525	0.385	-30.6	-15.8	34.4	207	1.98	66.3	67.0	67.0
B	380	493	14.3	8.75	55.56	0.181	0.111463	570	0.646	-2.08	1.682	0.6	-36.8	36.8	271	0.48	35.5	35.8	32.0
M	567	493	42.93	26.95	55.58	0.342	0.214535	535	1.08	-0.659	0.559	31.3	-20.9	37.6	326	1.49	58.9	59.5	60.0
W	380	775	51.32	54.0	58.8	0.312	0.329	5.46	0.616	-0.348	0.01	0.0	0.0	0.0	3.0	78.4	79.2	77.3	
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	0.178	0.33	29.4	29.7	22.6	
U	380	775	17.1	18.0	19.6	0.312	0.329	18.0	0.616	-0.348	0.01	0.0	0.0	0.0	180	1.0	49.5	50.0	50.0

fec91-5a

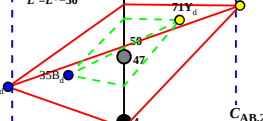
XYZ_w=100.93, 100.0, 64.68 $A_2 = 2.5 (a_2 - a_{2n}) Y$ $B_2 = 2.5 (b_2 - b_{2n}) Y$ $a_2 = a_{20} [(x - x_c) / y]$ $b_2 = b_{20} B_c [z / y]$ $a_{20} = 1, b_{20} = -0.4$ $x_c = 0.110, B = 1.300$ $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$ 6 Ostwald colours (o), $C_{AB2} = \text{const}$ colour space (C_{AB2}, L^*_{TAr}) $L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$ $Y_r = Y/18, x = \log[Y_r]$ Illumin. P40, $Y_w = 54.0, Y_n = 6.0$

Illumin. P40, $Y_w=54.0$, $Y_r=6.0$										-50					0					50				
Name	Range	X	Y _w	Z	x	N _y	λ _d	λ _c	a ₂	b ₂	C ₂	A ₂	B ₂	C _{AB2}	h _{AB2}	Y _r	L [*] _{TAr}	L [*] _{Tuv}	L [*] _{TAr}					
R	573	775	39.74	25.74	3.9	0.572	0.371600	493	1.247	-0.078	0.589	34.1	16.5	37.9	25	1.43	57.8	58.3	58.8					
Y	498	775	45.63	51.76	5.83	0.462	0.483576	468	0.729	-0.058	0.278	1.5	35.9	35.9	8.7	2.87	77.1	77.9	76.2					
G	498	573	15.84	32.01	5.8	0.295	0.596540	540	0.31	-0.094	0.473	-32.5	19.3	37.8	149	1.77	63.3	64.0	64.3					
C	380	573	20.93	34.25	34.91	0.231	0.38	493	0.038	-0.529	0.443	-34.1	-16.5	37.9	205	1.9	65.1	65.8	65.9					
B	380	498	11.02	8.23	32.98	0.21	0.157468	576	0.64	-2.083	1.748	-1.5	-35.9	35.9	267	0.45	34.4	34.8	30.5					
M	573	498	44.71	27.98	33.0	0.423	0.245400	540	1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	59.8	60.4	60.9					
W	380	775	54.5	54.0	34.93	0.379	0.376	5.47	0.717	-0.336	0.01	0.0	0.0	0.0	3.0	78.4	79.2	77.3						
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	0.180	0.33	29.4	29.7	22.6						
U	380	775	18.16	18.0	11.64	0.379	0.376	18.0	0.717	-0.336	0.01	0.0	0.0	0.163	1.0	49.5	50.0	50.0						

fec91-7a

fec90-7R_R

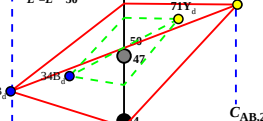
-74 Parameter:

 L^*_{TAr} & name $Y_r = Y/18,$ $L' = L^* - 50$ 

-50																14				50			
α_2	b_2	C_2	A_2	B_2	C_{AB2}	h_{AB2}	Y_r	L^*_{TAr}	L^*_{Tuv}	L^*_{TAr}	α_2	b_2	C_2	A_2	B_2	C_{AB2}	h_{AB2}	Y_r	L^*_{TAr}	L^*_{Tuv}	L^*_{TAr}		
9.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	56.2	56.8	57.3	56.3	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	76.8	77.6	76.0	
0.237	-0.094	0.456	-31.3	20.9	37.6	146	1.83	64.2	64.8	65.1	62.8	0.616	-0.348	0.01	0.0	0.0	0.178	0.33	29.4	29.7	22.6	27.8	
0.6273	-0.525	0.385	-30.6	-15.8	34.4	207	1.98	66.3	67.0	67.0	64.5	0.646	-2.08	1.682	0.6	-36.8	36.8	271	0.48	35.5	35.8	32.0	
1.08	-0.659	0.559	31.3	-20.9	37.6	326	1.49	58.9	59.5	60.0	58.6	0.616	-0.348	0.01	0.0	0.0	0.178	0.33	29.4	29.7	22.6	27.8	
0.616	-0.348	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.0	0.616	-0.348	0.01	0.0	0.0	0.178	0.33	29.4	29.7	22.6	27.8	
0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	1.0	49.5	50.0	50.0	0.616	-0.348	0.01	0.0	0.0	0.178	0.33	29.4	29.7	22.6	27.8	

fec91-5a

-74 Parameter:

 L^*_{TAr} & name $Y_r = Y/18,$ $L' = L^* - 50$ 

-50													0													50												
a ₂		b ₂		C ₂		A ₂		B ₂		C _{AB2}		h _{AB2}		Y _r		L [*] _{TAr}		L [*] _{Tuv}		L [*] _{TAr}																		
R		Y		G		B		M		W		N		U		C		C _h		L _h																		
31.247	-0.078	0.589	34.1	16.5	37.9	25	1.43	57.8	58.3	58.8	57.7																											
0.029	-0.058	0.278	1.5	35.9	35.9	8.7	2.87	77.1	77.9	76.2	71.4																											
0.31	-0.094	0.473	-32.5	19.3	37.8	149	1.77	63.3	64.0	64.3	62.2																											
0.038	-0.529	0.443	-34.1	-16.5	37.9	205	1.9	65.1	65.8	65.9	63.6																											
0.64	-2.083	1.748	-1.5	-35.9	35.9	267	0.45	34.4	34.8	30.5	33.0																											
1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	59.8	60.4	60.9	59.4																											
0.717	-0.336	0.01	0.0	0.0	0.0	163	1.0	49.5	50.0	50.0	47.8																											
0.717	-0.336	0.01	0.0	0.0	0.0	180	0.33	29.4	29.7	22.6	27.8																											
0.717	-0.336	0.01	0.0	0.0	0.0	163	1.0	49.5	50.0	50.0	47.8																											

fec91-7a

fec90-7R_R

XYZ_w=96.42, 100.0, 82.49 $A_2 = 2.5 (a_2 - a_{2n}) Y$ $B_2 = 2.5 (b_2 - b_{2n}) Y$ $a_2 = a_{20} [(x - x_c) / y]$ $b_2 = b_{20} B_c [z / y]$ $a_{20} = 1, b_{20} = -0.4$ $x_c = 0.110, B = 1.000$ $C_{AB2} = [A_2^2 + B_2^2]^{1/2}$ 6 Ostwald colours (o), $C_{AB2} = \text{const}$ colour space (C_{AB2}, L^*_{TAr}) $L^*_{TAr} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$ $Y_r = Y/18, x = \log[Y_r]$ Illumin. D50, $Y_w = 54.0, Y_n = 6.0$

Minimum D50, Y _w =54.0, Y _N =0.0										-50										0										50									
Name		Range	X	Y _w	Z	x	N _y	λ _d	λ _c	a ₂	b ₂	C ₂	A ₂	B ₂	C _{AB2}	h _{AB2}	Y _r	L [*] _{TAr}	L [*] _{Tuv}	L [*] _{TAr}																			
R	570	775	36.93	25.19	4.97	0.55	0.375598	491	1.172	-0.078	0.573	32.4	15.8	36.1	25	1.39	57.2	57.8	58.3	57.2																			
Y	496	775	45.67	51.13	6.99	0.44	0.492573	468	0.669	-0.064	0.275	1.5	35.1	35.2	8.7	2.84	76.7	77.5	75.9	71.2																			
G	496	570	14.52	31.93	6.97	0.271	0.597538	538	0.27	-0.087	0.456	-30.8	19.3	36.4	147	1.77	63.2	63.9	64.2	62.5																			
C	380	570	20.92	34.8	44.52	0.208	0.347491	598	0.284	-0.511	0.415	-32.4	-15.8	36.1	205	1.93	65.5	66.2	66.3	63.9																			
B	380	496	12.17	8.86	42.5	0.191	0.139468	573	0.585	-2.191	1.589	-1.5	-35.1	35.2	267	0.49	35.7	36.0	32.3	35.0																			
M	570	496	43.32	28.06	42.52	0.38	0.246538	538	1.097	-0.606	0.519	30.8	-19.3	36.4	327	1.55	59.9	60.5	61.0	59.5																			
W	380	775	52.06	54.0	44.54	0.345	0.358	5.46	0.657	-0.329	0.01	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	0.181	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	0.657	-0.329	0.01	0.0	0.0	0.0	201	1.0	49.5	50.0	50.0	50.0																			

fec91-6a

XYZ_w=109.84, 99.99, 35.58 $A_2 = 2.5 (a_2 - a_{2n}) Y$