

$XYZ_W=95.04, 100.0, 108.89$

-74 Parameter:

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

Illumin. D65,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	$X$	$Y$	$Z$	$\lambda_d$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	
R	567.775	59.63	37.91	0.05	0.61	0.388896	489	1.289	0.0	0.758	63.8	32.9	71.8	27	2.1	67.9	68.6	68.5	65.6	
Y	493.775	77.11	94.25	6.76	0.432	0.529570	463	0.61	-0.022	0.325	-1.3	76.7	76.7	91	5.23	97.7	98.7	91.1	80.8	
G	493.567	17.49	56.35	6.71	0.217	0.699535	535	0.153	-0.038	0.557	-65.2	43.7	78.5	146	3.1	79.8	80.6	78.3	72.9	
C	380.567	35.41	62.09	108.84	0.171	0.3	489	596	0.204	-0.56	0.463	-63.8	-32.9	71.8	207	3.4	82.9	83.8	80.7	74.5
B	380.493	17.93	5.75	102.14	0.142	0.045463	570	0.711	-0.681	5.334	1.3	-76.7	76.7	271	0.31	28.7	29.0	21.6	27.0	
M	567.493	77.55	43.65	102.18	0.347	0.195533	535	1.213	-0.749	7.719	65.2	-43.7	78.5	326	4.2	72.0	72.7	72.0	68.3	
W	380.775	95.04	100.0	108.89	0.312	0.239	100%	100%	0.616	-0.348	0.01	0.0	0.0	0.0	5.55	100.0	101.092	6.815	0.0	
N	380.775	0.01	0.01	0.01	0.311	0.327	0.0	0.0	0.615	-0.348	0.01	0.0	0.0	0.0	180	0.0	0.0	0.0	-136.201	
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	180	1.0	49.5	50.0	50.0	50.0	

fed80-1a

$XYZ_W=96.42, 100.0, 82.49$

-74 Parameter:

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

Illumin. D50,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	$X$	$Y$	$Z$	$\lambda_d$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$
R	570.775	64.89	39.99	0.05	0.618	0.381598	491	1.333	0.0	0.752	67.6	32.9	75.2	25	2.22	69.4	70.1	69.8	66.6
Y	496.775	83.1	94.03	4.27	0.458	0.518573	468	0.671	-0.038	0.312	3.3	73.3	73.3	87	5.2	97.6	98.6	91.0	80.7
G	496.570	18.21	54.04	4.22	0.238	0.706538	538	0.181	-0.03	0.562	-64.3	40.3	75.9	147	3.0	78.4	79.2	77.3	72.2
C	380.570	31.53	60.01	82.44	0.181	0.344491	598	0.206	-0.549	0.501	-67.6	-32.9	75.2	205	3.63	81.8	82.6	79.9	73.9
B	380.496	13.32	5.97	102.13	0.136	0.061468	573	0.434	-5.235	9.91	-3.3	-73.3	73.3	267	0.3	29.3	29.6	22.6	27.7
M	570.496	78.21	45.96	78.28	0.386	0.227538	538	1.217	-0.681	0.66	64.3	-40.3	75.9	327	2.55	73.5	74.2	73.3	69.3
W	380.775	96.42	100.0	82.49	0.345	0.358	100%	100%	0.657	-0.329	0.01	0.0	0.0	5.55	100.0	101.092	6.815	0.0	
N	380.775	0.01	0.01	0.01	0.344	0.357	0.0	0.0	0.656	-0.329	0.01	0.0	0.0	180	0.0	0.0	0.0	0.0	-136.201
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	180	1.0	49.5	50.0	50.0	50.0

fed80-2a

$XYZ_W=100.93, 100.0, 64.68$

-74 Parameter:

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

Illumin. P40,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	$X$	$Y$	$Z$	$\lambda_d$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$
R	573.775	70.19	41.14	0.05	0.63	0.369600	493	1.408	0.0	0.768	71.0	34.5	79.0	25	2.28	70.2	70.9	70.5	67.2
Y	498.775	90.58	95.34	4.06	0.476	0.501576	468	0.73	-0.022	0.314	3.2	74.8	74.9	87	5.23	98.1	99.1	91.4	80.9
G	498.573	20.4	58.21	6.02	0.259	0.689540	540	0.216	-0.03	0.582	-67.8	40.3	78.9	149	3.0	78.5	79.3	77.4	72.2
C	380.573	30.74	54.86	64.64	0.199	0.381493	600	0.244	-0.577	0.537	-71.0	-34.5	79.0	205	3.67	81.2	82.0	79.4	73.6
B	380.498	10.35	4.66	60.62	0.136	0.061468	576	0.435	-6.762	6.432	-3.2	-74.8	74.9	267	0.25	25.7	26.0	16.4	23.6
M	573.498	80.55	45.79	60.67	0.43	0.244540	540	1.309	-0.688	6.689	67.8	-40.3	78.9	329	2.54	73.4	74.1	73.2	69.2
W	380.775	100.93	100.0	64.68	0.379	0.376	100%	100%	0.717	-0.336	0.01	0.0	0.0	5.55	100.0	101.092	6.815	0.0	
N	380.775	0.01	0.01	0.01	0.378	0.375	0.0	0.0	0.716	-0.336	0.01	0.0	0.0	180	0.0	0.0	0.0	0.0	-136.201
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	180	1.0	49.5	50.0	50.0	50.0

fed80-3a

$XYZ_W=109.84, 99.99, 35.58$

-74 Parameter:

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

Illumin. A00,  $Y_W = 100.0, Y_N = 0.1$

Name	Range	$X$	$Y$	$Z$	$\lambda_d$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$	$L_{TU}^*$
R	579.775	79.88	43.01	0.04	0.649	0.349605	499	1.542	0.001	0.797	76.7	38.1	85.7	26	2.38	71.5	72.2	71.6	68.0
Y	504.775	104.4795	97	2.33	0.515	0.473581	474	0.856	-0.024	0.332	6.6	79.5	79.8	85	5.33	98.4	99.4	91.5	81.0
G	504.579	24.59	52.96	9.29	0.307	0.663547	547	0.28	-0.043	0.615	-70.1	41.3	81.4	149	2.94	77.8	78.6	76.8	71.8
C	380.579	29.97	56.99	35.54	0.244	0.465499	605	0.289	-0.603	0.601	-76.7	-38.1	85.7	206	3.6	80.1	80.9	78.6	73.1
B	380.504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.24	7.917	-6.6	-79.5	79.8	265	0.27	24.7	24.0	12.8	21.4
M	579.504	85.26	47.04	33.28	0.514	0.284547	547	1.425	-0.707	6.692	70.1	-41.3	81.4	329	2.61	74.2	74.9	73.8	69.7
W	380.775	109.8499	99.99	35.58	0.447	0.407	100%	100%	0.828	-0.355	0.01	0.0	0.0	5.55	100.0	101.092	6.815	0.0	
N	380.775	0.01	0.01	0.01	0.445	0.405	0.0	0.0	0.827	-0.355	0.01	0.0	0.0	180	0.0	0.0	0.0	0.0	-136.201
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	180	1.0	49.5	50.0	50.0	50.0

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