

XYZ<sub>w</sub>=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 ( $C_{AB,2}, L^*_{TAR}$ )

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y / 18, x = \log[Y_c]$

Illumin. D65,  $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y <sub>w</sub>	Z	x	N <sub>y</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>CIE</sub>	L <sub>Ch</sub>	L <sub>TUV</sub>	L <sub>TAR</sub>
R	567_775	49.44	32.71	3.56	0.576	0.381	596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6
Y	493_775	63.04	76.53	8.77	0.424	0.515	570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	9.1	4.25	40.1	41.0	35.9	27.8
G	493_567	16.67	40.75	8.74	0.243	0.649	535	535	0.184	-0.059	0.519	-50.7	33.9	61.0	146	26.1	24.2	24.9	23.8	19.7
C	380_567	30.61	51.52	88.16	0.179	0.302	489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3
B	380_493	17.01	7.7	82.95	0.158	0.071	463	570	0.671	-0.444	3.096	1.0	-59.6	59.6	271	0.42	-16.6	-16.2	-21.0	-17.6
M	567_493	63.38	37.18	92.98	0.345	0.202	535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	20.6	17.4	18.0	18.0	15.2
W	380_775	85.53	90.0	80.0	0.312	0.329	90.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380_775	3.42	3.6	3.92	0.312	0.329	3.6	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
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	0.0	184	1.0	-0.4	-0.4	0.0	0.0

fed40-5a

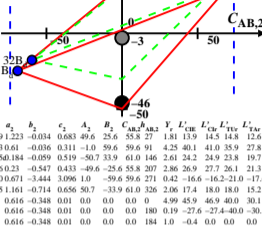
-74 Parameter:

$L^*_{TAR} = L^*_{TAR} - 50$

$L^*_{TAR}$  & name

$Y_c = Y / 18,$

$L^* = L^* - 50$



XYZ<sub>w</sub>=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 ( $C_{AB,2}, L^*_{TAR}$ )

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y / 18, x = \log[Y_c]$

Illumin. D50,  $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y <sub>w</sub>	Z	x	N <sub>y</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>CIE</sub>	L <sub>Ch</sub>	L <sub>TUV</sub>	L <sub>TAR</sub>
R	570_775	53.58	34.33	2.71	0.591	0.378	598	491	1.27	-0.031	0.681	52.5	25.6	58.5	25	1.9	15.2	15.8	16.0	13.6
Y	496_775	67.24	76.35	5.98	0.451	0.508	573	468	0.67	-0.031	0.299	25	57.0	57.0	87	4.24	40.7	41.0	35.9	27.8
G	496_570	17.28	42.56	5.95	0.252	0.66	538	538	0.215	-0.052	0.521	-50.0	31.3	59.0	147	25.1	23.0	23.8	22.9	19.0
C	380_570	27.64	49.9	66.78	0.191	0.345	491	598	0.235	-0.535	0.469	-52.5	-25.6	58.5	205	2.77	26.0	26.7	25.3	20.7
B	380_496	13.48	7.88	83.5	0.158	0.092	468	573	0.526	-0.223	2.896	-2.5	-57.0	57.0	267	0.43	-16.2	-15.9	-20.5	-17.2
M	570_496	63.94	38.97	63.54	0.384	0.234	538	538	1.17	-0.652	0.606	50.0	-31.3	59.0	327	21.6	18.7	19.4	19.2	16.1
W	380_775	86.78	90.0	74.24	0.345	0.358	90.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380_775	3.47	3.6	2.96	0.345	0.358	3.6	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	181	0.19	-27.6	-27.4	-40.0	-30.1
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	0.0	186	1.0	-0.4	-0.4	0.0	0.0

fed40-6a

XYZ<sub>w</sub>=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 ( $C_{AB,2}, L^*_{TAR}$ )

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y / 18, x = \log[Y_c]$

Illumin. P40,  $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y <sub>w</sub>	Z	x	N <sub>y</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>CIE</sub>	L <sub>Ch</sub>	L <sub>TUV</sub>	L <sub>TAR</sub>
R	573_775	57.85	35.23	2.13	0.607	0.37	600	493	1.344	-0.031	0.697	55.2	26.8	61.4	25	1.95	15.0	16.5	16.6	14.1
Y	498_775	73.71	77.38	5.25	0.471	0.494	576	468	0.73	-0.035	0.301	25	58.2	58.3	87	4.29	40.4	41.4	36.2	28.0
G	498_573	17.12	45.39	5.21	0.274	0.65	540	540	0.252	-0.059	0.54	-52.7	31.3	61.3	149	25.2	23.1	23.8	22.9	19.0
C	380_573	27.19	49.0	52.36	0.211	0.381	493	600	0.265	-0.555	0.501	-55.2	-26.8	61.4	205	2.72	25.4	26.2	24.8	20.4
B	380_498	11.31	6.85	49.24	0.167	0.101	468	576	0.568	-0.373	3.4	-2.5	-58.2	58.3	267	0.38	-18.5	-18.1	-23.9	-19.8
M	573_498	65.89	38.84	49.27	0.427	0.252	540	540	1.26	-0.659	0.631	52.7	-31.3	61.3	329	21.5	18.6	19.3	19.1	16.1
W	380_775	90.83	90.0	58.22	0.379	0.376	90.0	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380_775	3.63	3.6	2.32	0.379	0.376	3.6	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
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	0.0	0.0	169	1.0	-0.4	-0.4	0.0	0.0

fed40-7a

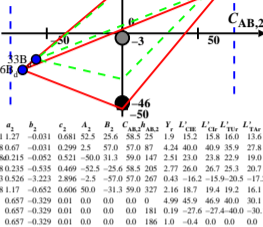
-74 Parameter:

$L^*_{TAR} = L^*_{TAR} - 50$

$L^*_{TAR}$  & name

$Y_c = Y / 18,$

$L^* = L^* - 50$



XYZ<sub>w</sub>=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 ( $C_{AB,2}, L^*_{TAR}$ )

$L^*_{TAR} = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_c = Y / 18, x = \log[Y_c]$

Illumin. A00,  $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y <sub>w</sub>	Z	x	N <sub>y</sub>	λ <sub>a</sub>	λ <sub>c</sub>	a <sub>2</sub>	b <sub>2</sub>	c <sub>2</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>AB,2</sub>	L <sub>TAR</sub>	Y <sub>c</sub>	L <sub>CIE</sub>	L <sub>Ch</sub>	L <sub>TUV</sub>	L <sub>TAR</sub>
R	579_775	65.67	36.68	1.18	0.634	0.345	605	499	1.479	-0.032	0.727	59.7	29.6	66.6	26	2.03	17.0	17.7	17.6	14.9
Y	504_775	84.79	77.87	2.96	0.511	0.47	581	474	0.84	-0.038	0.318	51	61.8	62.0	85	4.32	40.7	41.4	36.4	28.0
G	504_579	22.67	44.42	2.93	0.323	0.634	547	547	0.327	-0.066	0.57	-54.5	32.1	63.3	149	24.6	22.5	23.2	22.4	18.6
C	380_579	26.86	47.55	28.79	0.226	0.46	499	605	0.326	-0.605	0.561	-59.7	-29.6	66.6	206	2.64	24.5	25.2	24.1	19.9
B	380_504	7.14	6.85	49.24	0.167	0.101	468	576	0.568	-0.373	3.4	-2.5	-58.2	58.3	267	0.38	-18.5	-18.1	-23.9	-19.8
M	579_504	69.85	39.81	27.03	0.51	0.291	547	547	1.376	-0.679	0.636	54.5	-32.1							