

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}=const

colour space (C_{AB,2}; L*_{CIE})

$$L^*_{CIE} = L^*_{CIE}(Y) / L^*_{CIE}(18)$$

Illumin. D65, Y_W=90.0, Y_c=3.6

Name	Range	X	Y _W	Y _c	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{CIE}	L* _{CIE}	L* _{CIE}	L* _{UV}	L* _{TAR}
R	507_775	49.44	32.71	3.56	0.576	0.381	1.596	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	47.05	8.74	0.23	0.649	935	535	0.184	-0.059	0.519	-0.07	33.6	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	-3.444	3.096	1.0	0.0	0.0	0.0	-16.2	-16.2	-21.0	-17.6	
M	507_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	906	0.616	-0.348	0.01	0.0	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%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	184	1.0	-0.4	0.0	0.0	0.0

fec20-5a

-74 Parameter:

$$L^*_{CIE} \text{ Cir} = L^*_{CIE} \text{ Cir} - 50$$

$$L^*_{CIE} \text{ Cir} \text{ \& name}$$

$$Y_r = Y/18,$$

$$L^*_{CIE} \text{ Cir} = L^*_{CIE} \text{ Cir} - 50$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 0,800$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o), C_{AB,2}=const

colour space (C_{AB,2}; L*_{CIE})

$$L^*_{CIE} = L^*_{CIE}(Y) / L^*_{CIE}(18)$$

Illumin. D50, Y_W=90.0, Y_c=3.6

Name	Range	X	Y _W	Y _c	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{CIE}	L* _{CIE}	L* _{CIE}	L* _{UV}	L* _{TAR}
R	570_775	53.58	34.33	2.71	0.591	0.378	859	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	67.74	76.35	5.98	0.451	0.508	753	468	0.67	-0.031	0.299	25	57.0	57.0	8.7	4.24	40.0	40.9	35.9	27.8
G	496_567	17.28	45.26	5.95	0.252	0.66	538	538	0.215	-0.052	0.521	-0.0	31.3	59.0	147	25.1	23.0	23.8	22.9	19.0
C	380_567	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	63.85	0.158	0.092	468	573	0.526	-3.223	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	2.16	18.7	19.4	19.2	16.1
W	380_775	86.78	90.0	74.24	0.345	0.358	906	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%	0.657	-0.329	0.01	0.0	0.0	0.0	186	1.0	-0.4	0.0	0.0	0.0	

fec20-6a

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}=const

colour space (C_{AB,2}; L*_{CIE})

$$L^*_{CIE} = L^*_{CIE}(Y) / L^*_{CIE}(18)$$

Illumin. D50, Y_W=90.0, Y_c=3.6

Name	Range	X	Y _W	Y _c	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{CIE}	L* _{CIE}	L* _{CIE}	L* _{UV}	L* _{TAR}
R	570_775	53.58	34.33	2.71	0.591	0.378	859	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	67.74	76.35	5.98	0.451	0.508	753	468	0.67	-0.031	0.299	25	57.0	57.0	8.7	4.24	40.0	40.9	35.9	27.8
G	496_567	17.28	45.26	5.95	0.252	0.66	538	538	0.215	-0.052	0.521	-0.0	31.3	59.0	147	25.1	23.0	23.8	22.9	19.0
C	380_567	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	63.85	0.158	0.092	468	573	0.526	-3.223	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	2.16	18.7	19.4	19.2	16.1
W	380_775	86.78	90.0	74.24	0.345	0.358	906	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%	0.657	-0.329	0.01	0.0	0.0	0.0	186	1.0	-0.4	0.0	0.0	0.0	

fec20-6a

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}=const

colour space (C_{AB,2}; L*_{CIE})

$$L^*_{CIE} = L^*_{CIE}(Y) / L^*_{CIE}(18)$$

Illumin. P40, Y_W=90.0, Y_c=3.6

Name	Range	X	Y _W	Y _c	Z	x _N	y _N	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{CIE}	L* _{CIE}	L* _{CIE}	L* _{UV}	L* _{TAR}
R	573_775	57.85	32.23	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	15.5	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	2.5	58.2	58.3	8.7	4.29	40.4	41.4	36.4	28.0
G	498_573	17.12	45.39	5.21	0.274	0.65	540	540	0.252	-0.059	0.54	-0.0	31.3	61.3	149	25.2	23.1	23.8	22.9	19.0
C	380_573	21.49	50.0	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	-3.733	3.4	-2.5	-58.2	58.3	267	0.38	-18.5	-18.1	-23.9	-19.8
M	573_498	63.89	38.84	49.27	0.427	0.252	540	540	1.26	-0.659	0.631	52.7	-31.3	61.3	329	2.15	18.6	19.3	19.1	16.1
W	380_775	90.83	90.0	58.22	0.379	0.376	906	0.717	-0.336	0.01	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	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%	0.717	-0.336	0.01	0.0	0.0	0.0	169	1.0	-0.4	0.0	0.0	0.0	

fec20-7a

XYZ_W=109.84, 99.99, 35.58

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} B_c [z / y]$$