

XTZw=95.04, 100.0, 108.89

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.800$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. D65, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.775	77.14	60.45	0.385	0.524	596	407			
Y	493.775	83.13	97.18	57.92	0.357	0.402	570	463		
G	493.567	56.35	78.24	57.9	0.2927	0.4064	535	535c		
C	380.570	65.3	81.11	108.97	0.2537	0.3176	499	596		
B	380.490	65.62	82.65	105.47	0.2629	0.2662	603	570		
M	507.493	80.35	71.9	105.95	0.3127	0.2725	535	535		
W	380.775	95.04	100.0	108.89	0.3127	0.329	500			
N	380.775	47.52	50.0	54.44	0.3127	0.329	50			
Z	380.775	17.13	18.0	19.6	0.3127	0.329	188			

Parameter: Y & Name Illuminant D65 $Y_w=100, Y_c=50$

XTZv=96.42, 100.0, 82.49

$$A_2 = 2.5(a_2 - a_{2v}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2v}) Y$$

$$a_2 = a_{2v} [(x - x_c) / y]$$

$$b_2 = b_{2v} [z / y]$$

$$a_{2v} = 1, b_{2v} = -0.4$$

$$x_c = 0.110, B_2 = 1.000$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. D50, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	570.775	80.73	70.07	41.53	0.42	0.564	596	407		
Y	496.775	89.81	97.06	43.46	0.3899	0.4214	573	468		
G	496.570	57.4	77.09	43.41	0.3226	0.4332	538	538c		
C	380.570	64.05	80.07	82.51	0.2826	0.3524	491	596		
B	380.495	64.96	81.08	80.4	0.2916	0.2816	603	570		
M	570.496	87.37	73.05	80.43	0.3627	0.3033	538	538		
W	380.775	96.42	100.0	82.49	0.3457	0.3585	100%			
N	380.775	48.21	50.0	41.24	0.3457	0.3585	50			
Z	380.775	17.35	18.0	14.84	0.3457	0.3585	18%			

Parameter: Y & Name Illuminant D50 $Y_w=100, Y_c=50$

XTZw=100.93, 100.0, 64.68

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.300$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. P40, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	380.573	65.92	79.49	64.69	0.3137	0.3783	493	600		
Y	498.775	85.72	70.65	62.49	0.2537	0.3543	600	570		
G	498.775	95.81	97.72	34.43	0.4022	0.4286	576	468		
C	498.573	60.75	71.17	34.41	0.3525	0.4477	540	540c		
M	380.573	69.79	79.49	64.69	0.3137	0.3783	493	600		
B	380.498	55.72	52.42	62.49	0.2562	0.3608	608	576		
M	573.498	90.79	72.97	62.41	0.4008	0.2222	540	540		
W	380.775	100.93	100.0	64.68	0.3799	0.3764	100%			
N	380.775	50.46	50.0	32.34	0.3799	0.3764	50			
Z	380.775	18.16	18.0	11.64	0.3799	0.3764	18%			

Parameter: Y & Name Illuminant P40 $Y_w=100, Y_c=50$

XTZv=109.84, 99.99, 35.58

$$A_2 = 2.5(a_2 - a_{2v}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2v}) Y$$

$$a_2 = a_{2v} [(x - x_c) / y]$$

$$b_2 = b_{2v} [z / y]$$

$$a_{2v} = 1, b_{2v} = -0.4$$

$$x_c = 0.110, B_2 = 2.500$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. A00, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	570.775	80.73	70.07	41.53	0.42	0.564	596	407		
Y	496.775	89.81	97.06	43.46	0.3899	0.4214	573	468		
G	496.570	57.4	77.09	43.41	0.3226	0.4332	538	538c		
C	380.570	64.05	80.07	82.51	0.2826	0.3524	491	596		
B	380.495	64.96	81.08	80.4	0.2916	0.2816	603	570		
M	570.496	87.37	73.05	80.43	0.3627	0.3033	538	538		
W	380.775	109.84	99.99	35.58	0.4475	0.4074	100%			
N	380.775	54.92	49.99	17.99	0.4475	0.4074	50			
Z	380.775	19.77	17.99	6.4	0.4475	0.4074	18%			

Parameter: Y & Name Illuminant A00 $Y_w=100, Y_c=50$

XTZw=100.0, 100.0, 100.0

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 0.900$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. E00, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	380.573	65.92	79.49	64.69	0.3137	0.3783	493	600		
Y	498.775	85.72	70.65	62.49	0.2537	0.3543	600	570		
G	498.573	60.75	71.17	34.41	0.3525	0.4477	540	540c		
M	380.573	69.79	79.49	64.69	0.3137	0.3783	493	600		
B	380.498	55.72	52.42	62.49	0.2562	0.3608	608	576		
M	573.498	90.79	72.97	62.41	0.4008	0.2222	540	540		
W	380.775	100.0	100.0	100.0	0.3333	0.3333	100%			
N	380.775	50.0	50.0	33.33	0.3333	0.3333	50%			
Z	380.775	18.0	18.0	11.64	0.3333	0.3333	18%			

Parameter: Y & Name Illuminant E00 $Y_w=100, Y_c=50$

XTZv=98.07, 100.0, 118.22

$$A_2 = 2.5(a_2 - a_{2v}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2v}) Y$$

$$a_2 = a_{2v} [(x - x_c) / y]$$

$$b_2 = b_{2v} [z / y]$$

$$a_{2v} = 1, b_{2v} = -0.4$$

$$x_c = 0.110, B_2 = 0.700$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. C00, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.775	79.69	60.69	39.62	0.3811	0.3614	596	407		
Y	492.775	88.31	97.06	62.69	0.3559	0.3912	571	463		
G	492.567	57.75	77.47	62.66	0.2918	0.3915	535	535c		
C	380.567	67.55	80.45	118.25	0.2537	0.3021	487	596		
B	380.492	58.94	53.08	114.82	0.2299	0.234	463	571		
M	507.492	89.6	72.67	61.40	0.3443	0.2623	535	535		
W	380.775	98.07	100.0	118.22	0.3161	0.3161	100%			
N	380.775	49.03	50.0	59.11	0.3161	0.3161	50			
Z	380.775	17.65	18.0	21.28	0.3161	0.3161	18%			

Parameter: Y & Name Illuminant C00 $Y_w=100, Y_c=50$

XTZw=102.06, 100.0, 81.06

$$A_2 = 2.5(a_2 - a_{2w}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2w}) Y$$

$$a_2 = a_{2w} [(x - x_c) / y]$$

$$b_2 = b_{2w} [z / y]$$

$$a_{2w} = 1, b_{2w} = -0.4$$

$$x_c = 0.110, B_2 = 1.000$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. P00, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	572.775	85.39	70.37	40.63	0.4533	0.579	603	491		
Y	496.775	95.81	97.28	42.56	0.4056	0.4134	575	467		
G	496.572	60.99	77.01	42.54	0.3378	0.4265	541	541c		
C	380.572	67.65	79.77	81.07	0.296	0.3491	491	600		
M	380.496	57.8	52.86	79.14	0.3045	0.2784	467	575		
B	572.496	92.26	73.17	79.17	0.3722	0.299	541	541		
W	380.775	102.06	100.0	81.06	0.3604	0.3531	100%			
N	380.775	51.03	50.0	40.53	0.3604	0.3531	50			
Z	380.775	18.18	18.0	14.59	0.3604	0.3531	18%			

Parameter: Y & Name Illuminant P00 $Y_w=100, Y_c=50$

XTZv=97.93, 100.0, 118.95

$$A_2 = 2.5(a_2 - a_{2v}) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_{2v}) Y$$

$$a_2 = a_{2v} [(x - x_c) / y]$$

$$b_2 = b_{2v} [z / y]$$

$$a_{2v} = 1, b_{2v} = -0.4$$

$$x_c = 0.110, B_2 = 0.700$$

$$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald colours (o)

of maximum (m) C_{AB} in

linear colour space ($C_{AB,2}$ Y)

Illumin. Q00, $Y_w=100, Y_c=50$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.775	79.52	60.54	39.62	0.3811	0.3333	596	407		
Y	492.775	89.99	97.23	63.08	0.3543	0.3915	570	462		
G	492.567	57.54	77.78	63.06	0.29	0.392	535	535c		
C	380.567	67.52	80.6	118.98	0.2537	0.3017	487	596		
B	380.492									