

XTZ=95.04, 100.0, 108.89

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.800$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. D65, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.75	68.53	63.5	22.6	0.587	0.581	0.96	96Y ₁		
Y	493.775	68.53	95.72	32.39	0.3892	0.4563	570	72C ₁		
G	493.567	36.95	67.31	32.04	0.4027	0.53	535c			
C	380.567	30.79	71.62	108.89	0.2182	0.2181	409	96Y ₁		
M	380.493	37.72	55.24	103.62	0.2196	0.1724	603	570		
M	380.493	81.96	57.8	103.89	0.3163	0.2732	535	588J		
W	380.775	95.04	100.0	108.89	0.3127	0.323	1000			
N	380.775	23.76	25.0	27.22	0.3127	0.329	25			
Z	380.775	17.1	18.0	19.6	0.3127	0.329	188			

Parameter:
Y & Name
Illuminant D65
 $Y_W = 100, Y_N = 25$

XTZ=96.42, 100.0, 82.49

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.000$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. D50, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	570.75	72.82	55.06	20.24	0.4899	0.704	596	96Y ₁		
Y	496.775	86.46	95.55	29.29	0.4199	0.464	573	468		
G	496.570	37.84	65.58	32.86	0.2973	0.5152	538	536c		
C	380.570	47.82	70.06	82.49	0.2380	0.2496	491	596		
M	380.496	54.18	29.57	79.32	0.2380	0.2666	408	573		
M	370.496	82.88	59.53	79.35	0.3734	0.2685	538	538		
W	380.775	96.42	100.0	82.49	0.3457	0.3585	1000			
N	380.775	24.15	25.0	26.62	0.3457	0.3585	25			
Z	380.775	17.35	18.0	14.84	0.3457	0.3585	188			

Parameter:
Y & Name
Illuminant D50
 $Y_W = 100, Y_N = 25$

XTZ=100.93, 100.0, 64.68

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.300$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. P40, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.775	62.52	62.57	22.59	0.5794	0.5799	960	97Y ₁		
Y	498.775	93.32	96.53	19.27	0.4459	0.4618	576	468		
G	498.573	40.61	65.71	19.24	0.3234	0.2533	540	540c		
C	380.573	48.36	69.19	64.67	0.2654	0.2797	493	603		
M	380.498	33.08	25.24	61.66	0.2682	0.2317	468	576		
M	373.498	85.67	93.01	61.69	0.4143	0.2873	540	576		
W	380.775	100.93	100.0	64.68	0.3799	0.3764	1000			
N	380.775	25.23	25.0	16.17	0.3799	0.3764	25			
Z	380.775	18.16	18.0	11.64	0.3799	0.3764	188			

Parameter:
Y & Name
Illuminant P40
 $Y_W = 100, Y_N = 25$

XTZ=109.84, 99.99, 35.58

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 2.500$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. A00, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	573.775	105.847	101.68	0.4956	0.5453	581	474	97Y ₁		
Y	504.579	45.99	64.78	10.65	0.3787	0.5355	547	468		
C	380.579	50.02	67.79	35.96	0.3261	0.442	499	603		
M	380.584	31.6	28.11	33.84	0.3377	0.3034	474	581		
M	379.504	95.49	60.34	33.87	0.4925	0.3249	547	547		
W	380.775	109.8499	99.99	35.58	0.4475	0.4074	1000			
N	380.775	27.46	24.99	8.89	0.4475	0.4074	25			
Z	380.775	19.77	17.99	6.4	0.4475	0.4074	188			

Parameter:
Y & Name
Illuminant A00
 $Y_W = 100, Y_N = 25$

XTZ=100.0, 100.0, 100.0

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.900$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. E00, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	507.775	74.14	55.39	22.59	0.5794	0.5799	960	96Y ₁		
Y	494.775	87.55	96.13	29.6	0.4105	0.4507	573	463		
G	494.570	38.51	65.88	29.56	0.2875	0.4918	538	536c		
C	380.570	50.98	69.77	99.98	0.2309	0.316	489	596		
M	380.494	37.56	29.98	95.52	0.2317	0.1788	463	573		
M	370.494	86.6	99.28	95.96	0.3887	0.2533	536	536		
W	380.775	100.0	100.0	100.0	0.3333	0.3333	1000			
N	380.775	25.0	25.0	25.0	0.3333	0.3333	25			
Z	380.775	18.0	18.0	18.0	0.3333	0.3333	188			

Parameter:
Y & Name
Illuminant E00
 $Y_W = 100, Y_N = 25$

XTZ=98.07, 100.0, 118.22

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.700$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. C00, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	573.775	70.55	54.8	22.6	0.5794	0.5799	960	96Y ₁		
Y	492.775	83.38	95.54	36.8	0.39	0.4688	571	463		
G	492.567	37.54	66.15	34.83	0.2709	0.4775	535	535c		
C	380.567	52.29	67.63	118.21	0.2167	0.2929	487	596		
M	380.492	39.32	29.58	113.06	0.2161	0.1625	463	571		
M	380.492	85.17	88.96	113.09	0.3311	0.292	535	535		
W	380.775	98.07	100.0	118.22	0.31	0.3161	1000			
N	380.775	24.51	25.0	29.55	0.31	0.3161	25			
Z	380.775	17.65	18.0	21.28	0.31	0.3161	188			

Parameter:
Y & Name
Illuminant C00
 $Y_W = 100, Y_N = 25$

XTZ=102.06, 100.0, 81.06

$$A_2 = 2.5 (a_2 - a_2) Y$$

$$B_2 = 2.5 B_2 (b_2 - b_2) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.000$$

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

6 Oswald colours (o)

of maximum (m) C_{AB} in

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

Illumin. P00, $Y_W = 100, Y_N = 25$

Name	Range	x_1	y_1	z_1	x_2	y_2	z_2	x_3	y_3	z_3
R	573.775	77.3	55.51	20.38	0.5616	0.5623	603	96Y ₁		
Y	496.775	92.09	95.88	22.7	0.4359	0.4538	575	463		
G	496.572	40.4	65.47	23.24	0.3129	0.507	541	541c		
C	380.572	50.4	69.61	81.04	0.2506	0.3648	493	603		
M	380.496	35.85	29.24	78.15	0.249	0.2044	467	575		
M	372.496	87.3	99.65	78.18	0.3877	0.2549	541	541		
W	380.775	102.06	100.0	81.06	0.3604	0.3531	1000			
N	380.775	25.1	25.0	20.26	0.3604	0.3531	25			
Z	380.775	18.37	18.0	14.59	0.3604	0.3531	188			

Parameter:
Y & Name
Illuminant P00
 $Y_W = 100, Y_N = 25$