

$XYZ_w=97.06, 99.99, 104.57$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P60, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	509.775	79.07	70.05	0.241	0.349	0.361	596.48	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	494.775	88.45	97.34	0.559	0.3664	0.4032	571.463	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	494.568	57.1	77.35	0.557	0.3005	0.407	535.5356	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.565	65.77	80.06	0.616	0.2626	0.3197	499.7996	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	494.579	52.9	62.8	0.4102	0.2708	0.2996	463.571	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	508.494	88.64	72.79	0.1044	0.3371	0.2639	535.5355	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	97.06	99.99	0.1047	0.3218	0.3133	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	48.53	49.99	0.5228	0.3218	0.3315	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	17.47	17.99	0.882	0.3218	0.3315	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=97.45, 100.0, 95.98$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P55, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	509.775	80.8	70.17	0.41	0.4058	0.3524	597.40	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	494.775	89.6	97.41	0.5185	0.3763	0.4091	572.464	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	494.569	57.61	77.34	0.5102	0.3098	0.4158	536.536	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.569	65.62	79.97	0.60	0.2713	0.3314	490.397	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	494.584	49.75	62.73	0.317	0.2801	0.2603	468.572	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	509.494	88.71	72.8	0.1039	0.3484	0.2859	536.536	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	97.45	100.0	0.1058	0.3321	0.3407	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	48.72	50.0	0.4799	0.3321	0.3407	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	17.54	18.0	0.727	0.3321	0.3407	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=98.12, 100.0, 86.5$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P50, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	525.775	80.21	68.15	0.3184	0.3554	0.3541	491.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	495.775	91.07	97.01	0.4535	0.3901	0.4155	573.467	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	495.570	67.02	78.88	0.4533	0.3256	0.4284	542.542	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.570	61.12	82.01	0.652	0.2848	0.348	491.401	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	500.495	56.25	53.13	0.452	0.2901	0.2739	467.573	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	500.495	87.3	71.06	0.484	0.3592	0.2928	542.542	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	98.12	100.0	0.1065	0.3447	0.3513	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	49.06	50.0	0.4325	0.3447	0.3513	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	17.66	18.0	0.577	0.3447	0.3513	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=100.93, 100.0, 64.68$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

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

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	525.775	85.62	70.65	0.243	0.3577	0.3161	493.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	498.775	95.81	97.72	0.443	0.4032	0.4286	576.468	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	498.573	60.75	77.17	0.441	0.3525	0.4477	540.540	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.573	65.92	79.49	0.649	0.3137	0.3783	493.401	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	500.498	55.73	52.42	0.429	0.2362	0.3068	468.576	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	500.498	90.79	72.97	0.271	0.4008	0.3222	540.540	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	100.93	100.0	0.1068	0.3799	0.3764	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	50.46	50.0	0.3234	0.3799	0.3764	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	18.66	18.0	0.1164	0.3799	0.3764	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=103.66, 99.99, 52.43$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P35, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	575.775	85.85	68.86	0.26	0.3768	0.3162	496.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	500.775	99.6	97.31	0.2749	0.4438	0.4336	578.472	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	500.575	64.68	78.42	0.2747	0.3791	0.4099	548.548	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.575	68.8	81.16	0.5244	0.3399	0.4009	496.405	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	500.500	50.65	52.83	0.123	0.315	0.3299	472.578	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	525.500	90.79	71.72	0.218	0.4251	0.3522	540.540	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	103.66	99.99	0.1043	0.4047	0.3904	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	51.83	49.99	0.2621	0.4047	0.3904	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	18.66	18.0	0.943	0.4047	0.3904	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=108.04, 100.0, 39.55$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P30, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	578.775	93.17	71.4	0.183	0.3652	0.3871	491.498	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	502.775	105.078	104.0	0.199	0.4687	0.4771	580.473	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	503.578	66.03	76.7	0.2107	0.4031	0.4682	546.546	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.578	69.05	78.74	0.3954	0.3685	0.4203	498.408	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	500.503	57.14	52.14	0.3828	0.3872	0.3533	473.580	1.0	0.0	0.0	0.0	0.0	0.0	0.0
M	500.503	96.17	78.3	0.2625	0.3531	0.3466	546.546	1.0	0.0	0.0	0.0	0.0	0.0	0.0
W	380.775	108.04	100.0	0.1095	0.4633	0.4038	100.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
N	380.775	54.02	50.0	0.1977	0.4363	0.4038	50.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Z	380.775	19.44	18.0	0.711	0.4363	0.4038	18.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0

BEH140-1A

$XYZ_w=115.18, 100.0, 26.59$

$A_1 = 2.5(a_1 - a_{-1}) Y$
 $B_1 = 2.5 B_2 (b_1 - b_{-1}) Y$
 $a_1 = a_{20} [(x - x_c)/y]$
 $b_1 = b_{20} [z/y]$
 $a_{20} = 1, b_{20} = -0.4$
 $x_c = 0.110, B_2 = 1.000$
 $C_{AB} = [A_1^2 + B_1^2]^{1/2}$

6 Oswald colours (o)
of maximum (m) C_{AB} in chromatic value diagram (A_1, B_1)

Illumin. P25, $Y_w=100, Y_N=50$

Name Range λ_1 Y_1 Z_1 x_1 y_1 λ_2 Y_2 Z_2 x_2 y_2 λ_3 Y_3 Z_3 x_3 y_3

R	582.775	99.12	71.23	0.138	0.3396	0.3871	498.502	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Y	506.775	113.297	103.14	0.2027	0.4346	0.483	478.478	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G	506.582	71.87	76.8	0.1408	0.4415	0.4718	552.552	1.0	0.0	0.0	0.0	0.0	0.0	0.0
C	500.582	73.82	78.91	0.2659	0.4116	0.44	502.408	1.0	0.0	0.0	0.0	0.0	0.0	0.0
B	500.506	59.65	52.21	0.2852	0.4332	0.3791	478.581							