

Optimal colours (o) RYGBM of maximum (m) C _{AB} ; D65, Y _m =510_770, CIEXYZ												
Code	X	Y	Z	x	y	z	h _{xy}	i _d	λ _d	i _c	λ _c	
R _{me} 570_770	58.46	36.56	0.04	0.6149	0.3845	0.0004	240.0	38	592	16	484	
Y _{me} 510_770	76.99	88.09	2.32	0.4599	0.5262	0.0138	213.4	33	568	13	467	
G _{me} 470_570	20.96	61.5	26.32	0.1927	0.5653	0.2419	207.4	22	512	-1	512c	
C _m 380_570	36.57	63.43	108.84	0.1751	0.3037	0.5211	212.0	16	484	38	592	
B _{me} 380_510	18.05	11.9	106.56	0.1322	0.0872	0.7805	228.8	13	467	33	568	
M _m 570_470	74.07	38.49	82.56	0.3796	0.1972	0.4231	251.1	-1	512c	22	512	
R _o 570_440	64.22	36.81	28.16	0.497	0.2849	0.2179	243.9	-1	489c	17	489	
G _o 520_570	18.52	51.52	2.27	0.2561	0.7123	0.0315	212.3	27	538	-1	538c	
W ₁ 380_770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0	-1	489c	-1	538c	
1-000030-L0 BE950-1N_1												

Optimal colours (o) RYGBM of maximum (m) C _{AB} ; D65, Y _m =510_770, YAB_77												
Code	Y	A	B	C _{AB}	a	b	h _{AB}	i _d	λ _d	i _c	λ _c	
R _{me} 570_770	36.56	23.71	15.9	28.55	1.5989	-0.0004	33.8	38	592	16	484	
Y _{me} 510_770	88.09	-6.73	37.44	38.04	0.874	-0.0105	100.1	33	568	14	471	
G _{me} 470_570	61.5	-37.48	16.25	40.86	0.3408	-0.1712	156.5	23	515	-1	515c	
C _m 380_570	63.43	-23.71	-15.9	28.55	0.5766	-0.6863	213.8	16	484	38	592	
B _{me} 380_510	11.9	6.73	-37.43	38.04	1.5159	-3.5796	280.1	13	466	33	565	
M _m 570_470	38.49	37.48	-16.25	40.86	1.9242	-0.8579	336.5	-1	504c	20	504	
R _o 570_440	36.81	29.22	4.77	29.61	1.7443	-0.3059	9.2	-1	488c	17	488	
G _o 520_570	51.52	-30.44	21.53	37.29	0.3595	-0.0176	144.7	27	538	-1	538c	
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0	38	591	16	484	
1-000030-L0 BE950-3N_1												

Optimal colours (o) RYGBM of maximum (m) C _{AB} ; D65, Y _m =510_770, CIELAB_76												
Code	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _d	λ* _d	i _c	λ* _c	
R _{me} 570_770	66.95	67.68	114.73	133.21	0.2562	-0.009	59.4	39	595	15	476	
Y _{me} 510_770	95.2	-13.2	136.16	136.8	0.2095	-0.0249	95.5	33	567	14	471	
G _{me} 470_570	82.65	-123.0745	48.131.21	0.153	-0.0631	159.7	22	514	-1	514c		
C _m 380_570	83.67	-65.91	-28.12	71.66	0.1824	-0.1002	203.1	16	482	-1	482c	
B _{me} 380_510	41.08	41.4	-100.15	108.37	0.2517	-0.1739	292.4	13	467	31	555	
M _m 570_470	68.39	96.4	-36.87	103.21	0.2725	-0.108	339.0	-1	514c	22	514	
R _o 570_440	67.14	80.38	15.91	81.94	0.2638	-0.0766	11.2	-1	485c	17	485	
G _o 520_570	77.0	-110.92	105.14	152.83	0.1558	-0.0296	136.5	27	535	9	448	
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	-1	448c	-1	535c	
1-000030-L0 BE950-5N_1												

Optimal colours (o) RYGBM of maximum (m) C _{AB} ; D65, Y _m =510_770, LABHNU1_79												
CodeD65	L*	A*	B*	C* _{ab}	a'	b'	h _{ab}	i _d	λ* _d	i _c	λ* _c	
R _{me} 570_770	66.95	71.73	72.88	102.27	0.1732	-0.0459	45.4	38	592	15	479	
Y _{me} 510_770	95.2	-11.33	92.83	93.52	0.1249	-0.0481	96.9	33	567	14	471	
G _{me} 470_570	82.65	-80.19	39.11	89.22	0.0893	-0.07	153.9	21	508	9	449	
C _m 380_570	83.67	-49.69	-25.9	56.03	0.1051	-0.1028	207.5	16	483	42	613	
B _{me} 380_510	41.08	43.03	-96.09	105.29	0.1677	-0.174	294.1	13	467	31	558	
M _m 570_470	68.39	109.59	-34.23	114.81	0.1949	-0.1101	342.6	7	438	20	501	
R _o 570_440	67.14	88.02	14.15	89.15	0.1829	-0.0813	9.1	-1	488c	17	488	
G _o 520_570	77.0	-73.28	74.96	104.83	0.0906	-0.0496	134.3	27	536	12	462	
W ₁ 380_770	100.0	0.0	0.0	0.0	0.13	-0.0899	0.0	-1	462c	-1	536c	
1-000030-L0 BE950-7N_1												

TUB-test chart BE95; Colorimetry of Ostwald optimal colours; K>256:1 input: w/rgb/cmyk->rgb
colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; CIE illuminant D65; CIE 2 degree

