

Optimal colours (e) RYGBCM of maximum (m) C_{AB}: P60, Y_m=510_770, CIEXYZ

Code	X	Y	Z	x	y	z	h_{xy}	l_d	l_c	l_e
R _m 570_770	55.29	34.58	0.41	0.6123	0.383	0.0046	237.4	38	592	16 484
Y _m 510_770	71.7	79.88	2.4	0.4656	0.5187	0.0156	218.4	33	569	13 466
G _m 470_570	18.76	54.15	22.37	0.1969	0.5683	0.2347	210.3	22	512	-1 512c
C _m 380_570	32.4	55.75	94.07	0.1778	0.3059	0.5162	214.3	16	484	38 592
B _m 380_510	16.0	10.46	92.08	0.135	0.0882	0.7767	227.8	13	466	33 569
M _m 570_470	68.93	36.18	72.09	0.3889	0.2041	0.4068	246.2	-1	512c	22 512
R _o 570_440	60.91	34.83	27.88	0.4927	0.2817	0.2255	240.9	-1	490c	18 490
G _o 520_570	16.75	45.64	2.36	0.2586	0.4048	0.0365	214.0	27	538	-1 538c
W ₁ 380_770	87.36	90.0	94.11	0.3218	0.3315	0.3466	225.8	29	549	-1 549c

Optimal colours (e) RYGBCM of maximum (m) C_{AB}: P60, Y_m=510_770, YAB_77

Code	Y	A	B	C _{AB}	a	b	h_{AB}	l_d	l_c	l_e
R _m 570_770	34.58	21.71	14.3	26.0	1.5985	-0.0048	33.3	38	592	16 484
Y _m 510_770	79.88	-5.84	32.45	32.97	0.8975	-0.012	100.2	33	569	13 469
G _m 470_570	54.15	-33.8	13.7	36.47	0.3464	-0.1652	157.9	22	514	-1 514c
C _m 380_570	55.75	-21.1	14.3	26.0	0.5812	-0.6749	213.3	16	484	38 592
B _m 380_510	10.46	5.85	-32.45	32.97	1.5299	-3.5207	280.2	13	466	33 567
M _m 570_470	36.18	33.8	-13.7	36.47	1.9048	-0.7969	337.9	-1	507c	21 507
R _o 570_440	34.83	27.1	3.41	27.31	1.7488	-0.3202	7.1	-1	489c	17 489
G _o 520_570	45.64	-27.55	18.14	32.99	0.3669	-0.0207	146.6	27	538	-1 538c
W ₁ 380_770	90.0	0.0	0.0	0.01	0.9706	-0.4182	19.5	38	593	16 484

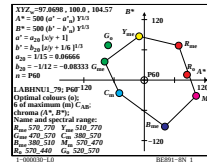
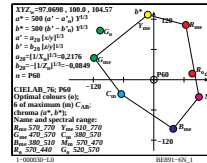
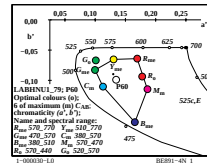
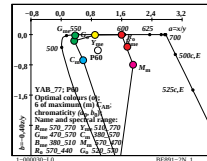
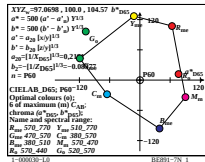
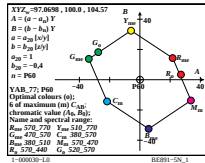
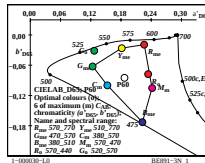
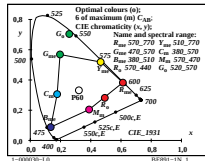
Optimal colours (e) RYGBCM of maximum (m) C _{AB} : P60, Y _m =510-770, CIELAB ₇₆										
Code	L*	a*	b*	C* _{ab}	a*	b*	h _{ab}	l _d	l _c	l _e
R _m 570-770	65.43	63.48	106.29	123.81	0.2544	-0.0194	59.1	39	596	15 476
Y _m 510-770	91.63	-11.95	128.6	129.16	0.2099	-0.0264	95.3	33	568	14 471
G _m 470-570	78.55	-118.434339	126.13	0.1528	-0.0632	159.8	22	514	-1	514c
C _m 380-570	79.47	-64.65	-28.45	70.63	0.1816	-0.101	203.7	16	482	-1 482c
B _m 380-510	38.67	38.66	-97.43	104.78	0.2507	-0.1753	291.5	13	467	31 557
M _m 570-470	66.67	89.76	-34.15	96.04	0.2697	-0.1068	339.1	-1	515c	23 515
R _o 570-440	65.62	76.26	11.98	77.19	0.2621	-0.0788	8.9	-1	486c	17 486
G _o 520-570	73.32	-106.579735	144.34	0.1558	-0.0316	137.5	27	535	8	444
W ₁ 380-770	96.0	0.0	0.0	0.0	0.2154	-0.0861	140.8	26	532	5 429

RYGBCM-10

RYGBCM-10

Optimal colours (e) RYGBCM of maximum (m) C_{AB}: P60, Y_m=510_770, LABHNU1_79

Code	L*	A*	B*	C _{AB}	a*	b*	h_{ab}	l_d	l_c	l_e
R _m 570_770	65.43	68.17	68.26	96.48	0.1732	-0.0469	45.0	38	592	15 479
Y _m 510_770	91.63	-10.49	86.94	87.58	0.1265	-0.0484	96.8	33	568	14 471
G _m 470_570	78.55	-78.71	36.63	86.82	0.0897	-0.0694	155.0	21	508	9 448
C _m 380_570	79.47	-49.58	-25.8	55.89	0.1054	-0.1023	207.4	16	483	42 613
B _m 380_510	38.67	40.77	-92.14	100.75	0.1686	-0.1731	293.8	13	467	31 559
M _m 570_470	66.67	102.98	-31.16	107.59	0.1936	-0.1077	343.1	7	437	20 502
R _o 570_440	65.62	84.7	10.52	85.35	0.1832	-0.0824	7.0	-1	489c	17 489
G _o 520_570	73.32	-71.9	69.08	99.71	0.0911	-0.0501	136.1	27	536	12 461
W ₁ 380_770	96.0	0.0	0.0	0.0	0.1313	-0.0888	56.4	25	525	11 457



TUB-test chart BE89; Colorimetry of Ostwald optimal colours; K=25:1 input: w/rgb/cmyk->rgb
colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; 8 illuminants Pxx; CIE 2 degree