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technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20170801-BE69/BE69L0NA.TXT /PS
application for measurement of display output

TUB material: code=rha4ta

Optimal colours (o) RYGBCM 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	52.74	33.13	0.43	0.6111	0.3838	0.005	237.6	38	592	16	484	
Y _{me} 510_770	69.35	79.32	2.47	0.4588	0.5247	0.0163	218.8	33	568	13	467	
G _{me} 470_570	19.12	55.48	23.97	0.194	0.5627	0.2432	210.3	22	512	-1	512c	
C _m 380_570	33.12	57.21	97.96	0.1759	0.3038	0.5202	214.6	16	484	38	592	
B _{me} 380_510	16.52	11.02	95.91	0.1338	0.0893	0.7768	228.5	13	467	33	568	
M _m 570_470	66.73	34.85	74.39	0.3792	0.198	0.4227	246.5	-1	512c	22	512	
R _o 570_440	57.9	33.35	25.61	0.4954	0.2853	0.2192	240.8	-1	489c	17	489	
G _o 520_570	16.94	46.53	2.43	0.257	0.706	0.0369	214.3	27	538	-1	538c	
W ₁ 380_770	85.53	90.0	98.0	0.3127	0.329	0.3582	226.4	-1	538c	27	538	

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Optimal colours (o) RYGBCM 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	33.13	21.25	14.25	25.59	1.592	-0.0052	33.8	38	592	16	484	
Y _{me} 510_770	79.32	-6.03	33.56	34.09	0.8743	-0.0124	100.1	33	568	14	471	
G _{me} 470_570	55.48	-33.6	14.57	36.63	0.3447	-0.1728	156.25	23	515	-1	515c	
C _m 380_570	57.21	-21.25	-14.26	25.59	0.5789	-0.6848	213.8	16	484	38	592	
B _{me} 380_510	11.02	6.04	-33.56	34.1	1.498	-3.4785	280.2	13	466	33	565	
M _m 570_470	34.85	33.6	-14.57	36.62	1.9144	-0.8536	336.5	-1	504c	20	504	
R _o 570_440	33.35	26.19	4.28	26.54	1.7358	-0.3072	9.2	-1	488c	17	488	
G _o 520_570	46.53	-27.28	19.29	33.42	0.364	-0.0209	144.7	27	538	-1	538c	
W ₁ 380_770	90.0	0.0	0.0	0.01	0.9504	-0.4355	353.4	38	591	16	484	

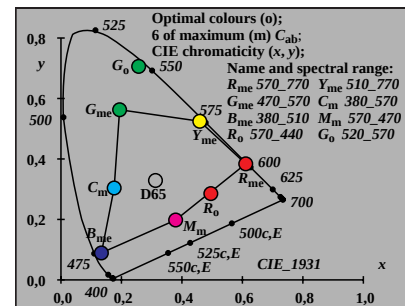
BE691-3A_1

Optimal colours (o) RYGBCM 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	64.27	64.9	104.07	122.65	0.2559	-0.0197	58.0	39	596	15	476	
Y _{me} 510_770	91.38	-12.68	128.41	129.04	0.2095	-0.0263	95.6	33	567	14	471	
G _{me} 470_570	79.32	-117.8243	56	125.61	0.1536	-0.0633	159.7	22	514	-1	514c	
C _m 380_570	80.3	-63.21	-27.03	68.75	0.1826	-0.1002	203.1	16	482	-1	482c	
B _{me} 380_510	39.64	39.25	-95.78	103.51	0.2507	-0.1722	292.2	13	467	31	555	
M _m 570_470	65.64	92.5	-35.38	99.04	0.2721	-0.1078	339.0	-1	514c	22	514	
R _o 570_440	64.45	77.09	15.22	78.58	0.2633	-0.0767	11.1	-1	485c	17	485	
G _o 520_570	73.89	-106.0498	57	144.78	0.1564	-0.0313	137.0	27	535	9	446	
W ₁ 380_770	96.0	0.0	0.0	0.0	0.2154	-0.0861	329.4	-1	524c	24	524	

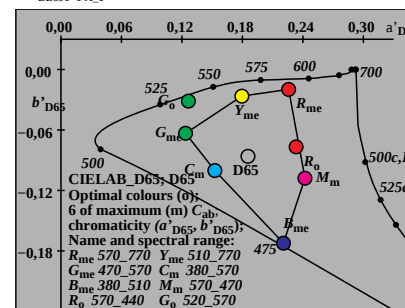
BE691-5A_1

Optimal colours (o) RYGBCM 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	64.27	68.68	68.83	97.24	0.1728	-0.047	45.0	38	592	15	479	
Y _{me} 510_770	91.38	-10.88	88.79	89.46	0.1249	-0.0485	96.9	33	567	14	471	
G _{me} 470_570	79.32	-76.99	37.48	85.63	0.0896	-0.0702	154.0	21	508	9	449	
C _m 380_570	80.3	-47.71	-24.9	53.81	0.1052	-0.1028	207.5	16	483	42	613	
B _{me} 380_510	39.64	40.63	-91.86	100.44	0.1665	-0.1724	293.8	13	467	31	558	
M _m 570_470	65.64	104.96	-32.83	109.97	0.1942	-0.11	342.6	7	438	20	501	
R _o 570_440	64.45	84.26	13.55	85.35	0.1823	-0.0814	9.1	-1	488c	17	488	
G _o 520_570	73.89	-70.29	71.33	100.15	0.0909	-0.0502	134.5	27	536	12	462	
W ₁ 380_770	96.0	0.0	0.0	0.0	0.13	-0.0899	345.9	12	461	27	535	

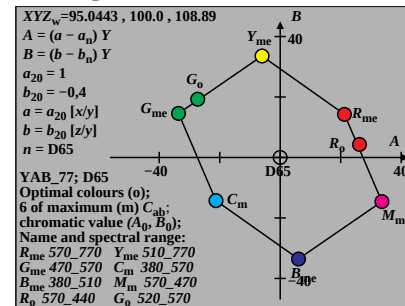
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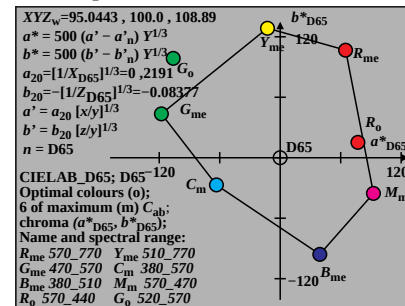
BE691-1 A_1



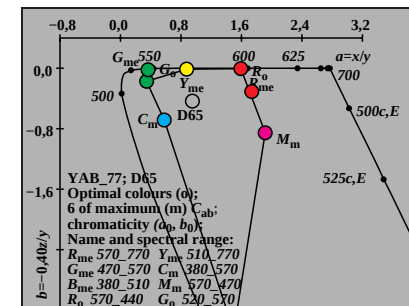
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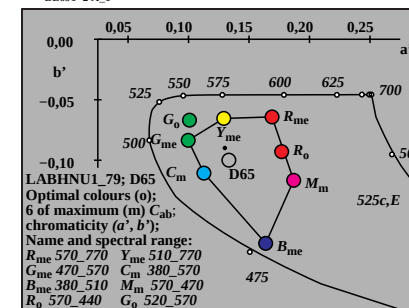
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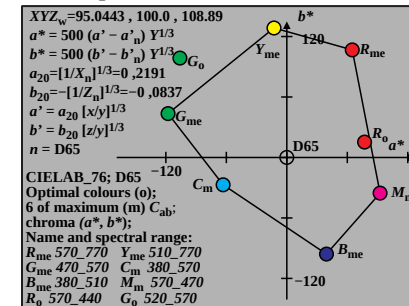
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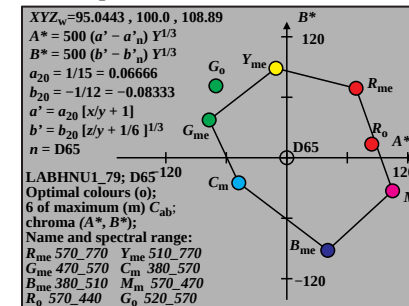
BE691-2 A_1



BE691-4 A_1



BE691-6 A_1



BE691-8 A_1

TUB-test chart BE69; Colorimetry of Ostwald optimal colours; K=25:1 input: w/rgb/cmyk->rgb
colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; illuminant D65 ; CIE 2 degree