

see similar files: <http://farbe.li.tu-berlin.de/EE79/EE79.HTM>
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmeterik>

Optimal colours (o) RYGBCM of maximum (m) C _{AB} ; D65, Y _{me} =520_770, CIEXYZ												
Code, K=1:25	X	Y	Z	x	y	z	h _{xy}	i _d	λ _d	i _c	λ _c	
R _o 570_770	52.74	33.13	0.43	0.6111	0.3838	0.005	237.6	38	592	16	484	
Y _{me} 520_770	69.06	73.84	1.43	0.4784	0.5115	0.0099	225.1	34	570	14	471	
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_520	16.81	16.49	96.95	0.129	0.1266	0.7442	226.8	14	471	34	570	
M _m 570_470	66.73	34.85	74.39	0.3792	0.198	0.4227	246.5	-1	512c	22	512	
B _o 380_470	14.33	2.08	74.35	0.1578	0.023	0.819	230.5	9	445	32	563	
C _o 470_520	2.82	14.76	22.97	0.0695	0.364	0.5663	222.7	17	488	52	661	
G _o 520_570	16.64	41.06	1.39	0.2816	0.6947	0.0235	216.9	28	542	-1	542c	
W 380_770	85.53	90.0	98.0	0.3127	0.329	0.3582	226.4	-1	538c	27	538	

EE790-1A D65

Optimal colours (o) RYGBCM of maximum (m) C _{AB} ; D65, Y _{me} =520_770, YAB_77												
Code, K=1:25	Y	A	B	C _{AB}	a	b	h _{AB}	i _d	λ _d	i _c	λ _c	
R _o 570_770	33.13	21.25	14.25	25.59	1.592	-0.0052	33.8	38	592	16	484	
Y _{me} 520_770	73.84	-1.12	31.59	31.61	0.9352	-0.0077	92.0	34	570	14	474	
G _{me} 470_570	55.48	-33.6	14.57	36.63	0.3447	-0.1728	156.5	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_520	16.49	1.13	-31.59	31.61	1.0192	-2.3507	272.0	14	471	33	568	
M _m 570_470	34.85	33.6	-14.57	36.62	1.9144	-0.8536	336.5	-1	504c	20	504	
B _o 380_470	2.08	12.34	-28.82	31.36	6.863	-14.2408	293.1	9	445	32	560	
C _o 470_520	14.76	-11.21	-2.75	11.54	0.191	-0.6222	193.8	17	488	-1	488c	
G _o 520_570	41.06	-22.38	17.32	28.3	0.4054	-0.0135	142.2	28	542	-1	542c	
W 380_770	90.0	0.0	0.0	0.01	0.9504	-0.4355	353.4	38	591	16	484	

EE790-3A D65

Optimal colours (o) RYGBCM of maximum (m) C _{AB} ; D65, Y _{me} =520_770, CIELAB_76												
Code, K=1:25	L*	a*	b*	C* _{ab}	a'	b'	h _{ab}	i _d	λ _d	i _c	λ _c	
R _o 570_770	64.27	64.9	104.07	122.65	0.2559	-0.0197	58.0	39	596	15	476	
Y _{me} 520_770	88.85	-2.42	133.42	133.44	0.2143	-0.0225	91.0	34	570	14	472	
G _{me} 470_570	79.32	-117.82	43.56	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_520	47.63	6.46	-82.7	82.95	0.2205	-0.1511	274.4	14	471	33	568	
M _m 570_470	65.64	92.5	-35.38	99.04	0.2721	-0.1078	339.0	-1	514c	22	514	
B _o 380_470	15.99	128.28	-120.95	176.31	0.4164	-0.2756	316.6	9	447	27	535	
C _o 470_520	45.32	-109.35	-13.34	110.16	0.1262	-0.097	186.9	17	487	-1	487c	
G _o 520_570	70.22	-91.85	101.75	137.08	0.1622	-0.0271	132.0	27	539	11	456	
W 380_770	96.0	0.0	0.0	0.0	0.2154	-0.0861	329.4	-1	524c	24	524	

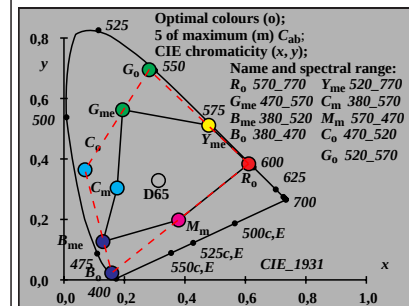
EE790-5A D65

Optimal colours (o) RYGBCM of maximum (m) C _{AB} ; D65, Y _{me} =520_770, LABHNU1_79												
Code, K=1:25	L*	A*	B*	C* _{ab}	a'	b'	h _{ab}	i _d	λ _d	i _c	λ _c	
R _o 570_770	64.27	68.68	68.83	97.24	0.1728	-0.047	45.0	38	592	15	479	
Y _{me} 520_770	88.85	-2.12	88.76	88.78	0.129	-0.0475	91.3	34	570	14	472	
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_520	47.63	5.83	-78.75	78.97	0.1346	-0.1517	274.2	14	471	33	569	
M _m 570_470	65.64	104.96	-32.83	109.97	0.1942	-0.11	342.6	7	438	20	501	
B _o 380_470	15.99	251.9	-117.99	278.17	0.5242	-0.2745	334.9	9	448	21	507	
C _o 470_520	45.32	-62.09	-12.25	63.29	0.0794	-0.0998	191.1	17	488	-1	488c	
G _o 520_570	70.22	-62.66	70.91	94.63	0.0936	-0.0487	131.4	28	541	12	463	
W 380_770	96.0	0.0	0.0	0.0	0.13	-0.0899	345.9	12	461	27	535	

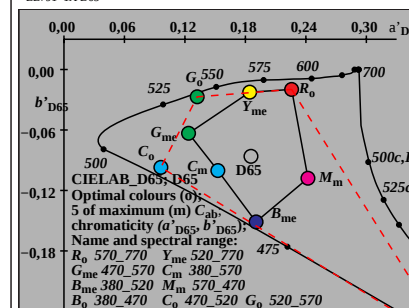
EE790-7A D65

EE790-7N D65

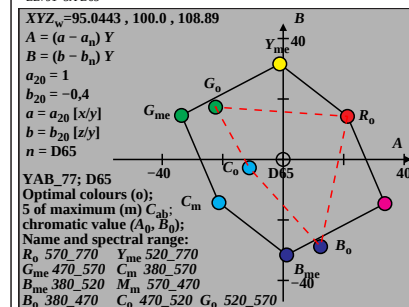
TUB-test chart EE79; Colorimetry of Ostwald optimal colours; K=25:1 input: w/rgb/cmyk->rgb
colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; illuminant D65 ; CIE 2 degree



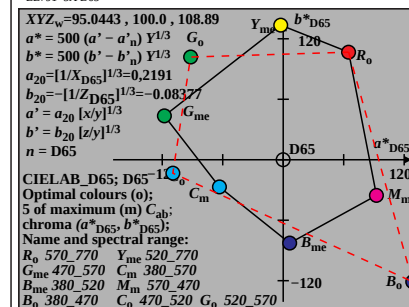
EE791-1A D65



EE791-3A D65

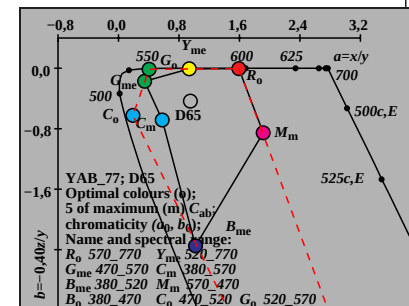


EE791-5A D65

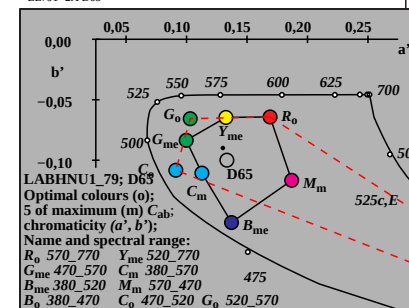


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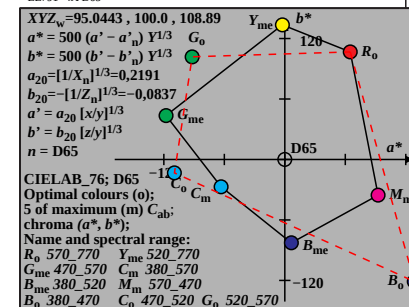
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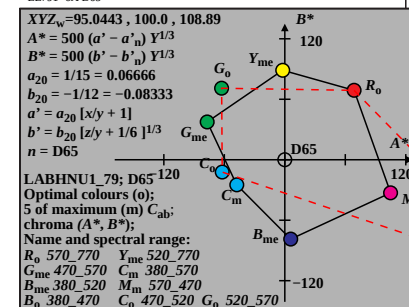
EE791-1A D65



EE791-3A D65



EE791-5A D65



EE791-7A D65

EE791-7N D65

TUB registration: 20190901-EE79/EE79L0NP.PDF /PS
application for measurement of display output

TUB material: code=rha4ta