

Colour and Colour Vision Elementary Colours in Information Technology

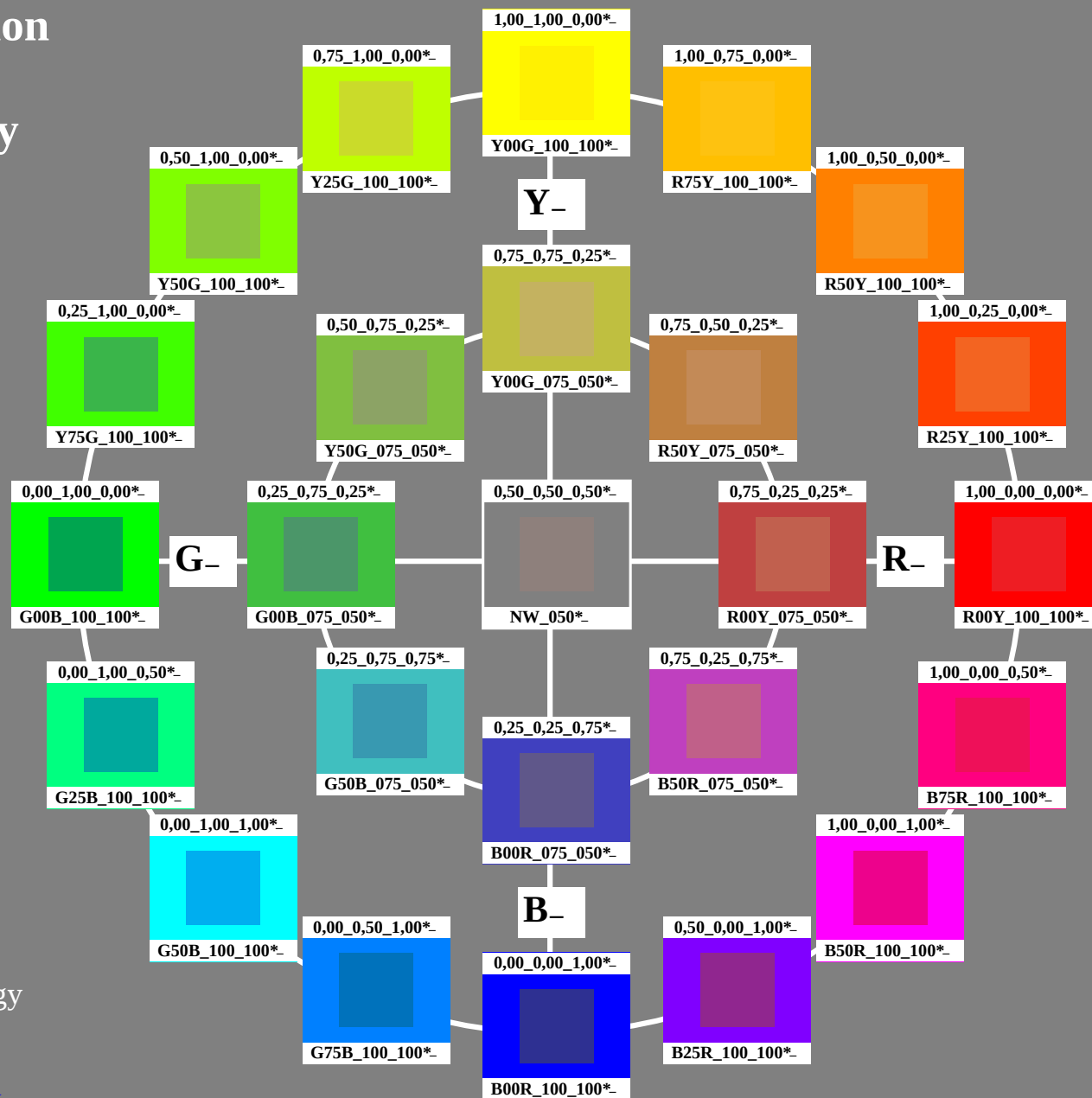
Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*e (bottom)

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change



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25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb * e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC * e$ (bottom)

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1-003131-10 PE770-70

TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, cmy0

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

TUB registration: 20150701-PE77/PE77L0NA.TXT /PS
application for measurement of offset print output, separation cmy0 (CMY0)
TUB material: code=rha4ta

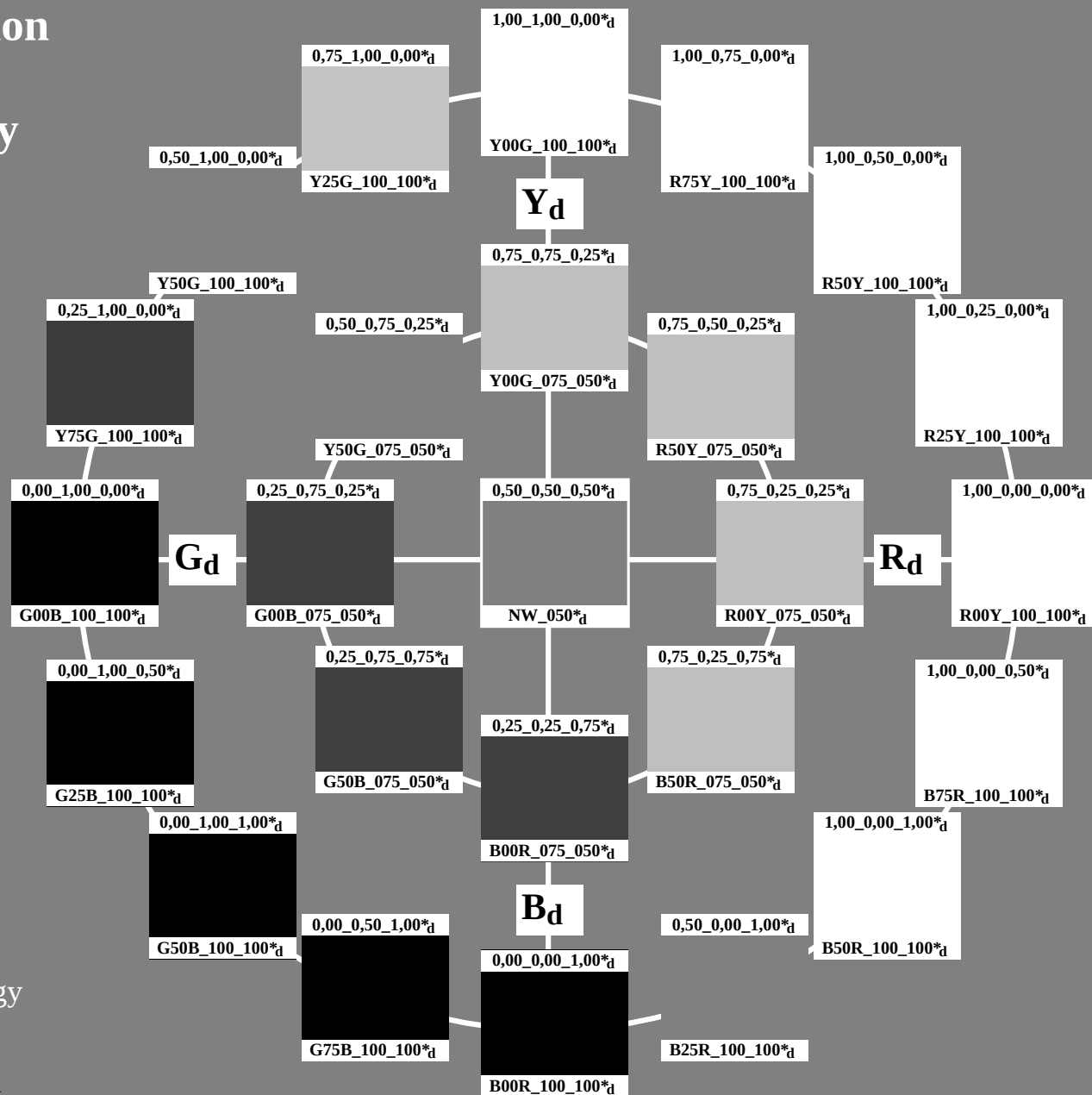
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25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb * e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC * e$ (bottom)

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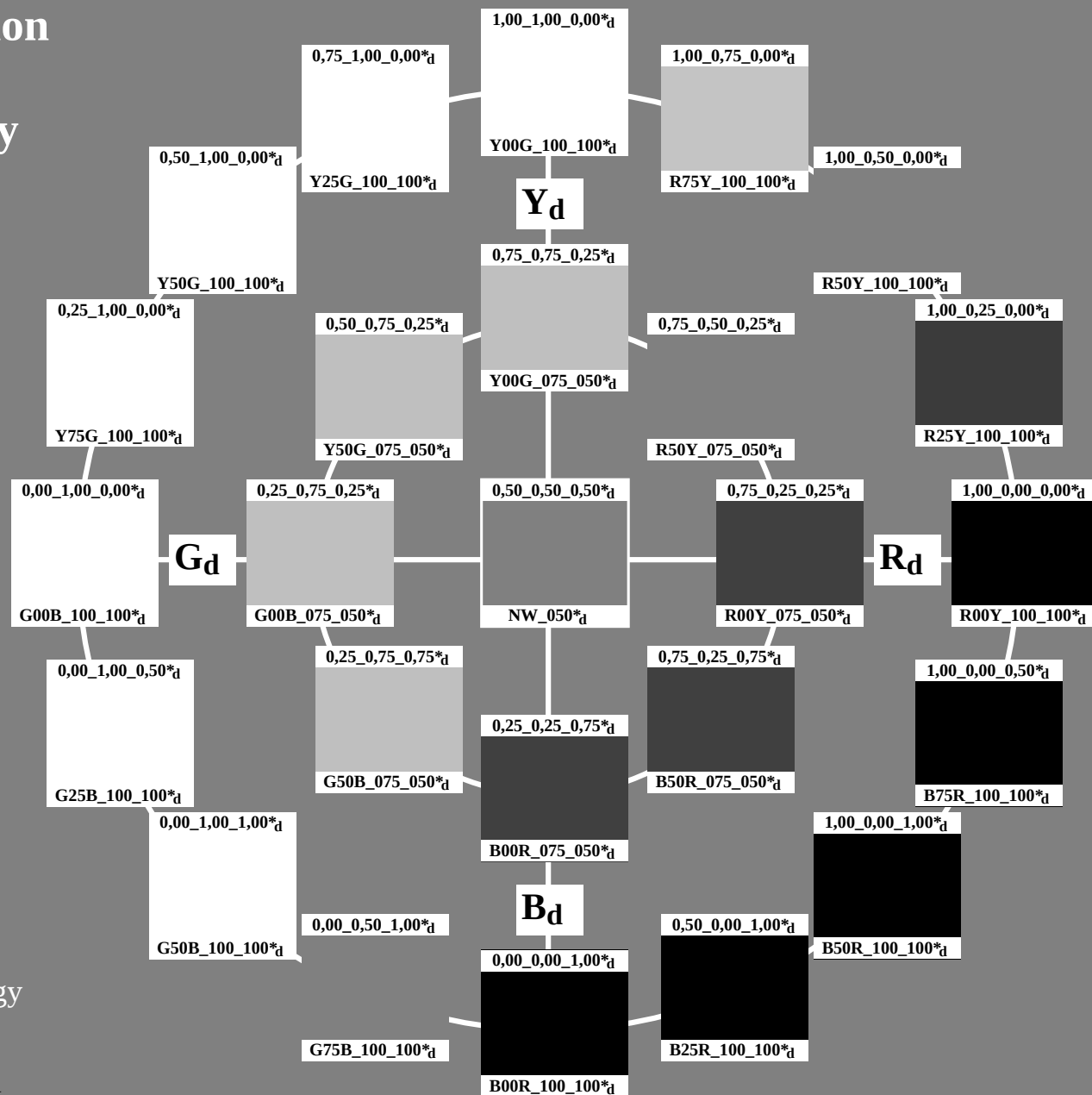
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Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)

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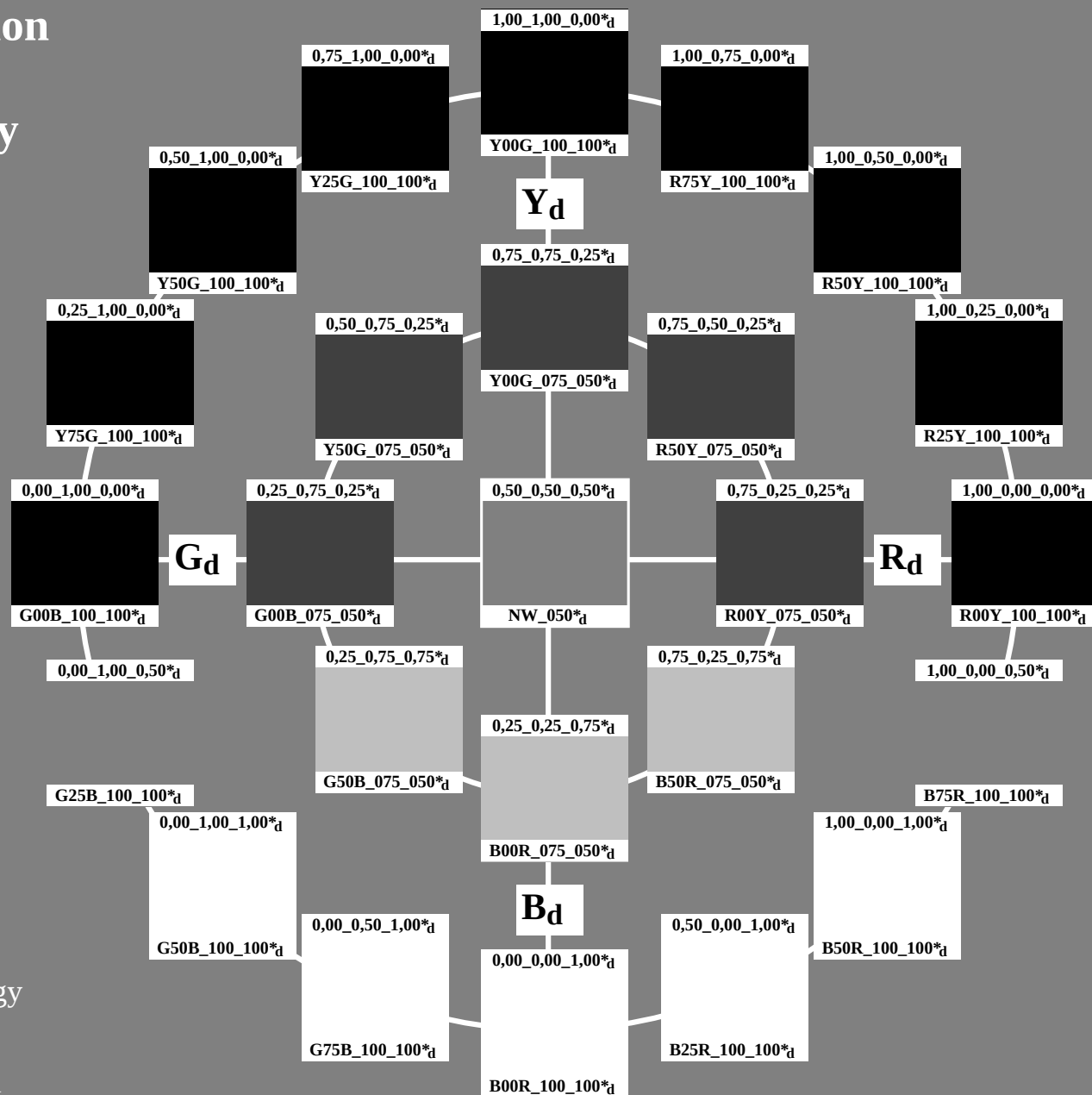
Colour and Colour Vision

Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display *sRGB*
rgb data: *rgb**_e (top)
elementary hue *H**, brilliance *I**,
chroma *C**: *HIC**_e (bottom)

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1-003431-L0

PE770-70

TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, *cmY0*

input: *rgb/cmyk* $\rightarrow$ *rgb_d*
output: transfer to *cmy0_d*

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

1-003431-F0

C

M

Y

O

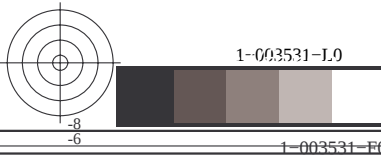
L

100



PE4600L_120830.TXT, 1080 colors, Separation cmy0*

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$



see similar files: <http://130.149.60.45/~farbmetrik/PE77/PE77L0NA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, $cmy0$

PE770-70

1-003531-L0

1-003531-E0

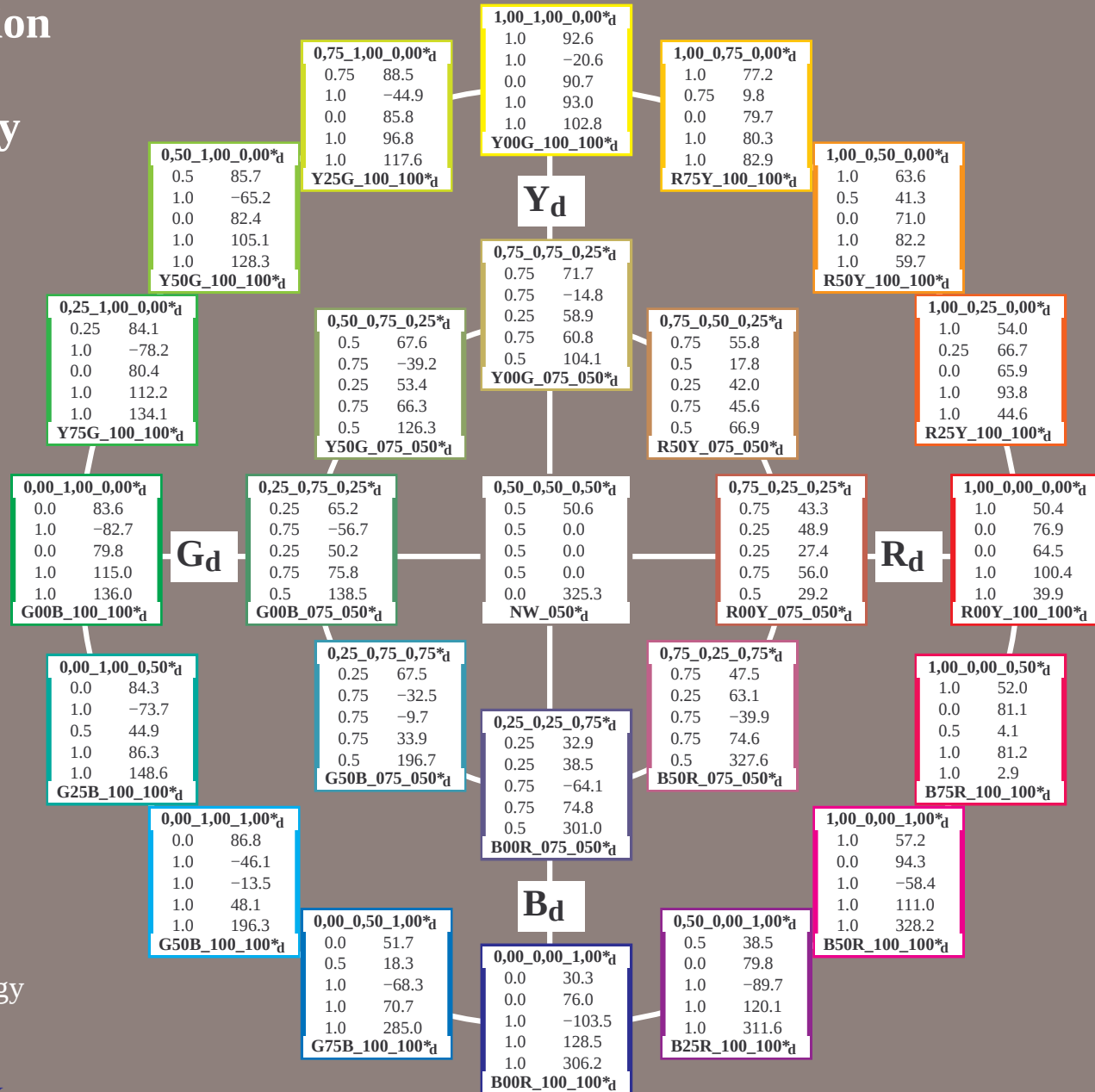
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25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb * e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC * e$ (bottom)
colour code:
 $rgbicd$; $LabCh^*d$

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TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, cmy0



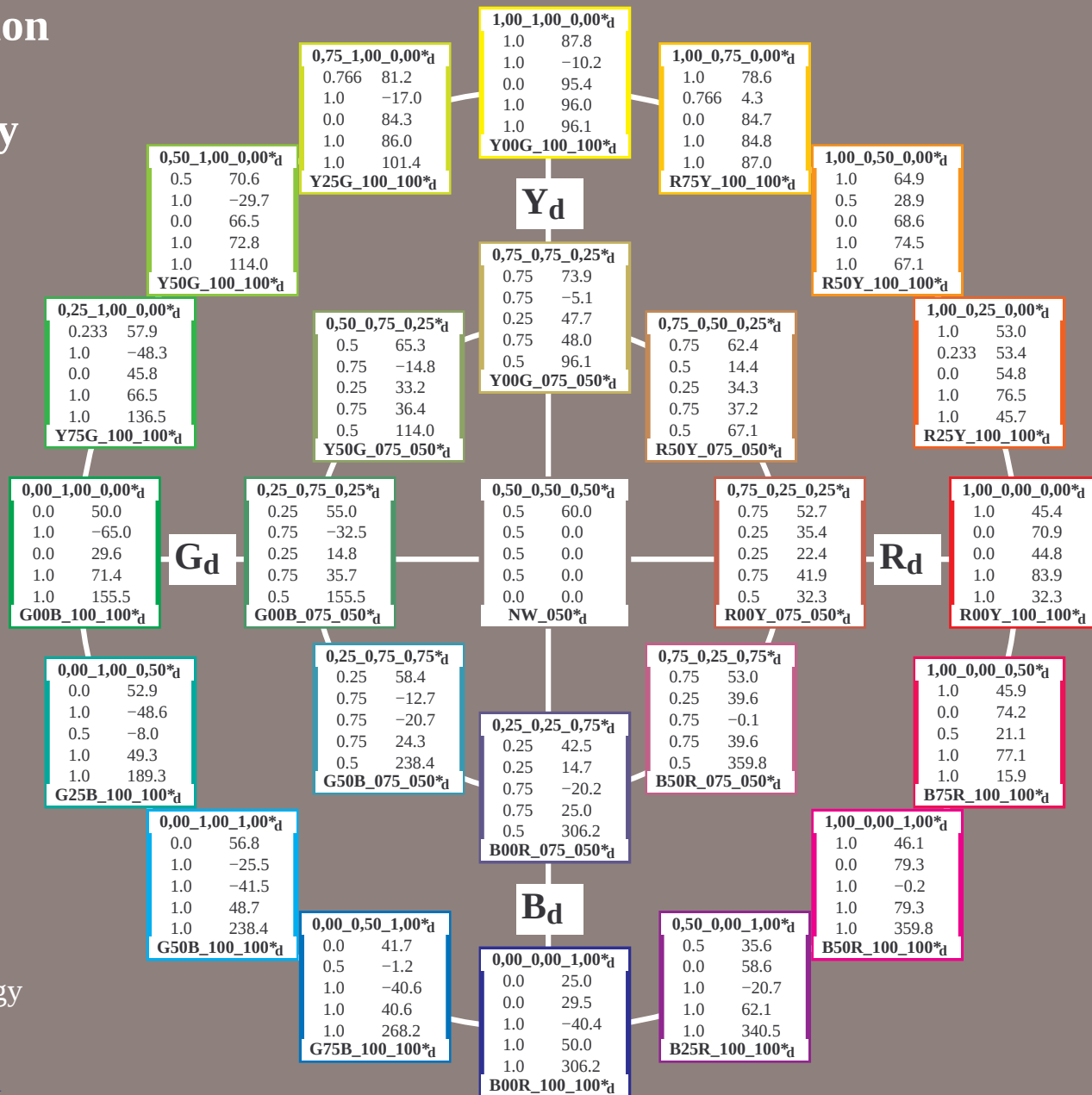
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Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb * e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC * e$ (bottom)
colour code:
 $rgbic * d$; $LabCh * d$

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TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, cmy0



input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

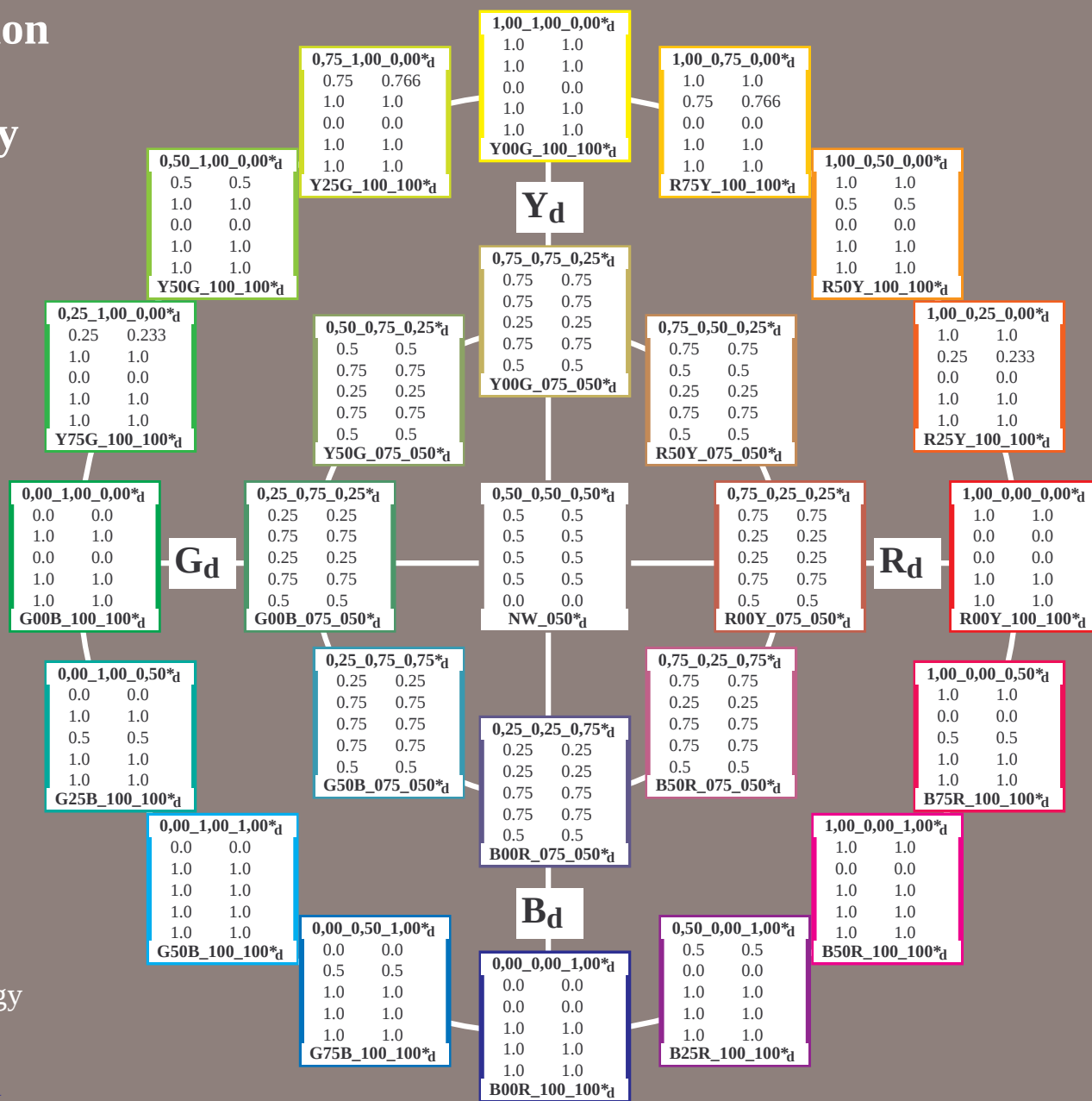
Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb*_e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC*_e$ (bottom)
colour code:
 $rgbic*_d$; $rgbic'*_d$

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TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, cmY0



input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

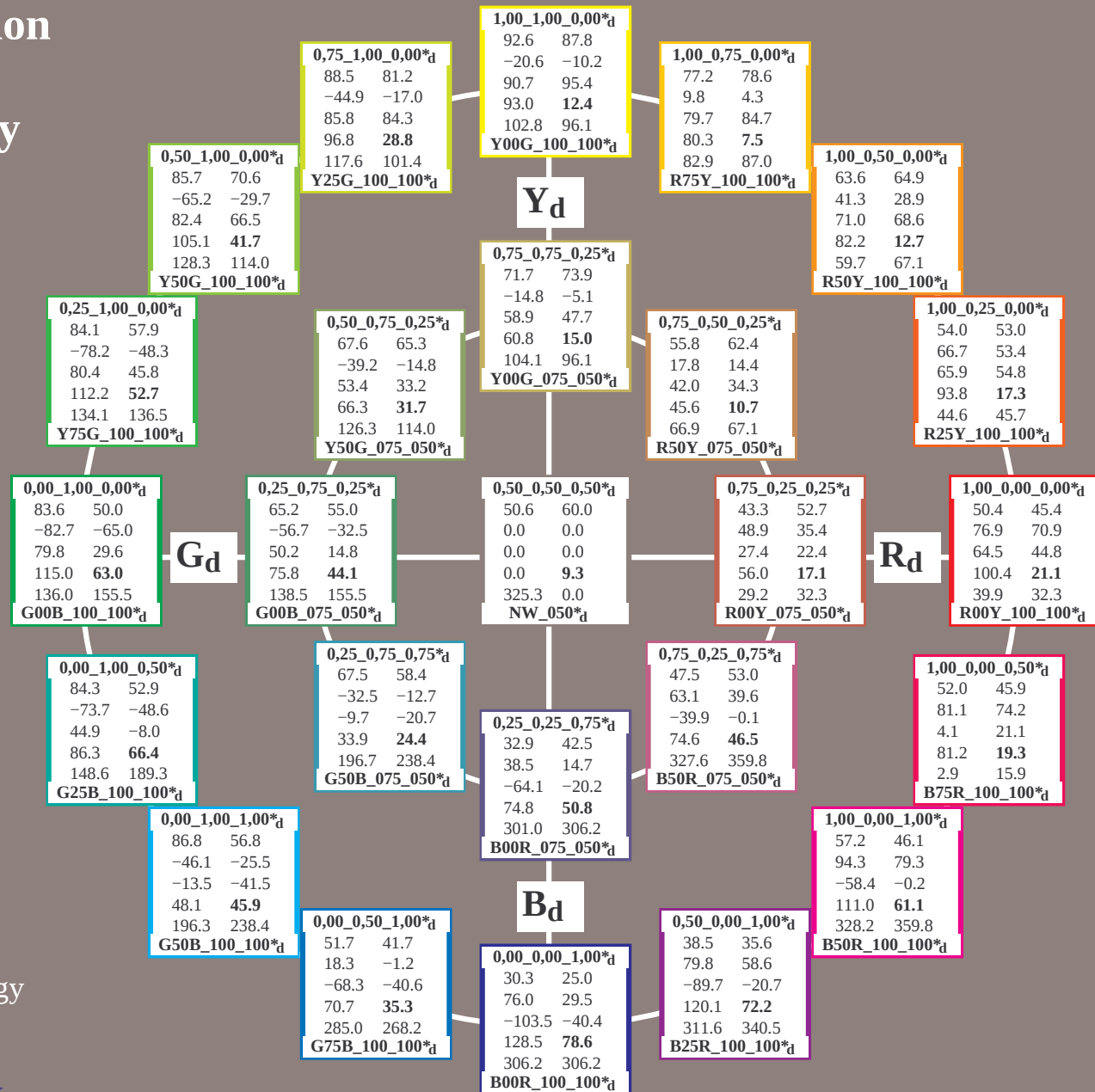
25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb * e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC * e$ (bottom)
colour code:
 $LabCh^* d$; $Lab^*/DE^*/h^* d$

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and <http://www.farbmetrik.de>

TUB-test chart PE77; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=0, cmy0

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

PE4600L_120830.TXT, 1080 colors, Separation cmy0*



input: *rgb/cmyk* $\rightarrow$ *rgb*_d
output: transfer to *cmy*_d

TUB-test chart PE77; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=0, de=0, *cmv0*

1-0031031-F0

PE770-7N, Page 11/26-F

14600I	120830	TYT	1090 colors	Separation cmx:0*
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[illegible]

n	H1C*Fd	rgb_Fd	ic_Fd	hs_Fd	rgb_Fd	LabCH*Fd	LabCH*Nd	DE*Fd	hs_Nd	rgb_Nd	LabCH*Nd			
81	B00Y.012.0124	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
82	B00R.012.0124	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
83	B25R.025.0254	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
84	B15R.037.0374	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
85	B11R.050.0504	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
86	B09R.062.0624	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
87	B07R.075.0754	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
88	B06R.087.0874	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
89	B05R.100.1004	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
90	Y00C.012.0124	0.125 0.0 0.125	0.125 0.125 0.062	390	0.125 0.0 0.125	27.0 8.8	0.125 0.0 0.125	26.6 15.1	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
91	NW.0124	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
92	B00R.025.0124	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
93	B00R.037.0254	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
94	B00R.050.0374	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
95	B00R.062.0504	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
96	B00R.075.0624	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
97	B00R.087.0754	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
98	B00R.100.0874	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
99	Y00C.025.0254	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
100	Y00C.037.0254	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
101	G50B.025.0124	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
102	G50B.037.0124	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
103	G48B.050.0374	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
104	G46B.062.0504	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
105	G44B.075.0624	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
106	G42B.087.0754	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
107	G40B.100.0874	0.125 0.125 0.0	0.125 0.125 0.062	390	0.125 0.125 0.0	32.3 8.8	0.125 0.125 0.0	32.3 8.8	5.9	389	0.0 0.0 0.0	45.4	70.9	32.3
108	Y68C.037.0374	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
109	G00B.037.0254	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
110	G50B.037.0254	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
111	G50B.050.0374	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
112	G50B.062.0504	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
113	G50B.075.0624	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
114	G48B.087.0754	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
115	G46B.100.0874	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
116	G68B.100.0874	0.125 0.375 0.0	0.375 0.375 0.187	131	0.125 0.375 0.0	38.6	0.125 0.375 0.0	37.4	13.1	131	0.0 0.0 0.0	62.3	41.4	52.2
117	Y76C.050.0504	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
118	G00B.050.0374	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
119	G15B.050.0374	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
120	G34B.050.0374	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
121	G50B.050.0374	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
122	G61B.062.0504	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
123	G68B.075.0624	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
124	G75B.087.0754	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
125	G78B.100.0874	0.125 0.5 0.5	0.5 0.5 0.25	136	0.125 0.5 0.5	45.4	0.125 0.5 0.5	44.2	15.0	136	0.0 0.0 0.0	57.9	48.3	66.5
126	Y81C.062.0624	0.125 0.625 0.0	0.625 0.625 0.312	139	0.125 0.625 0.0	44.4	0.125 0.625 0.0	43.2	14.5	139	0.0 0.0 0.0	56.4	40.5	66.4
127	G00B.062.0504	0.125 0.625 0.0	0.625 0.625 0.312	139	0.125 0.625 0.0	44.4	0.125 0.625 0.0	43.2	14.5	139	0.0 0.0 0.0	56.4	40.5	66.4
128	G11B.062.0504	0.125 0.625 0.0	0.625 0.625 0.312	139	0.125 0.625 0.0	44.4	0.125 0.625 0.0	43.2	14.5	139	0.0 0.0 0.0	56.4	40.5	66.4
129	G25B.062.0504	0.125 0.625 0.0	0.625 0.625 0.312	139	0.125 0.625 0.0	44.4	0.125 0.625 0.0	43.2	14.5	139	0.0 0.0 0.0	56.4	40.5	66.4
130	G38B.062.0504													

see similar files: <http://130.149.60.45/~farbmatrik/PE77/PE77.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PE77/L0NA.TXT /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 15/26

-0021421-E0

DE 770-7N Page 15/26-E

mean color difference of this page:

delta $E^* = 5.9$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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TUB-test chart PE77; hue circle; 16 and 8 steps
colors and differences. ΔE^* , $3D=0$, $de=0$, $cmv0$

input: *rgb/cmyk* $\rightarrow$ *rgb*
output: transfer to *cmyk*

PE4600I 120830 TXT 1080 colors Separation cmv0*

TUB registration: 20150701-PE77/PE77LONA.TXT /PS
application for measurement of offset print output, separation cmy0 (CMY0)

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmatrik/PE77/PE77.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

<http://130.149.60.45/~farbmatrik/PE77/PE77LONA.TXT> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 16/26

n	H1C*Fd	rgb*Fd	icL*Fd	hsa*Fd	rgb*Fd	LabCh*Fd	LabCh*Fd	rgb*Fd	LabCh*Fd	DF*Fd	hsa*Fd	rgb*Nd	LabCh*Nd	LabCh*Nd
243	ROYG_037_037a	0.375 0.0 0.0	0.375 0.375 0.187	390	0.375 0.0 0.118	32.2 26.6	16.8	31.4	32.3	0.375 0.0 0.0	31.7 36.2	17.7	40.3	26.1
244	ROYG_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	371	0.375 0.0 0.118	32.3 27.2	11.7	29.6	23.2	0.375 0.0 0.125	31.6 36.7	13.2	39.0	19.8
245	ROYG_037_037a	0.375 0.0 0.25	0.375 0.375 0.187	349	0.375 0.0 0.256	32.4 28.6	4.4	29.0	8.1	0.375 0.0 0.25	31.7 38.5	8.1	39.0	11.9
246	ROYG_037_037a	0.375 0.0 0.375	0.375 0.375 0.187	330	0.375 0.0 0.375	32.5 29.7	0.0	29.7	359.8	0.375 0.0 0.375	31.7 39.8	3.0	39.9	4.3
247	ROYG_037_037a	0.375 0.0 0.5	0.375 0.375 0.187	316	0.375 0.0 0.5	32.6 30.8	-4.3	29.0	359.8	0.375 0.0 0.5	32.2 42.9	-3.3	40.3	355.5
248	ROYG_037_037a	0.375 0.0 0.625	0.375 0.375 0.187	306	0.375 0.0 0.625	32.7 31.9	-9.0	29.0	359.8	0.375 0.0 0.625	32.2 42.9	-9.0	40.3	355.5
249	ROYG_037_037a	0.375 0.0 0.75	0.375 0.375 0.187	295	0.375 0.0 0.75	32.8 33.0	-15.5	29.0	359.8	0.375 0.0 0.75	32.2 42.9	-15.5	40.3	355.5
250	ROYG_037_037a	0.375 0.0 0.875	0.375 0.375 0.187	285	0.375 0.0 0.875	32.9 34.1	-21.3	29.0	359.8	0.375 0.0 0.875	32.2 42.9	-21.3	40.3	355.5
251	ROYG_037_037a	0.375 0.0 1.0	0.375 0.375 0.187	272	0.375 0.0 1.0	33.0 35.2	-26.5	29.0	359.8	0.375 0.0 1.0	32.2 42.9	-26.5	40.3	355.5
252	ROYG_037_037a	0.375 0.125 0.0	0.375 0.375 0.187	49	0.375 0.118 0.0	32.4 17.1	22.2	28.1	32.2	0.375 0.125 0.0	32.7 36.2	16.7	32.9	30.6
253	ROYG_037_037a	0.375 0.125 0.125	0.375 0.375 0.187	360	0.375 0.124 0.124	32.5 18.5	17.1	22.2	32.2	0.375 0.125 0.125	32.7 36.2	16.7	32.9	30.6
254	ROYG_037_037a	0.375 0.125 0.25	0.375 0.375 0.187	330	0.375 0.124 0.25	32.6 19.8	5.2	19.2	15.9	0.375 0.125 0.25	32.7 36.2	16.7	32.9	30.6
255	ROYG_037_037a	0.375 0.125 0.375	0.375 0.375 0.187	306	0.375 0.124 0.375	32.7 20.8	0.0	19.8	359.8	0.375 0.125 0.375	32.7 36.2	16.7	32.9	30.6
256	ROYG_037_037a	0.375 0.125 0.5	0.375 0.375 0.187	285	0.375 0.124 0.5	32.8 21.3	-4.4	25.9	359.8	0.375 0.125 0.5	32.7 36.2	16.7	32.9	30.6
257	ROYG_037_037a	0.375 0.125 0.625	0.375 0.375 0.187	266	0.375 0.124 0.625	32.9 22.3	-10.3	25.9	359.8	0.375 0.125 0.625	32.7 36.2	16.7	32.9	30.6
258	ROYG_037_037a	0.375 0.125 0.75	0.375 0.375 0.187	249	0.375 0.124 0.75	33.0 23.3	-16.0	25.9	359.8	0.375 0.125 0.75	32.7 36.2	16.7	32.9	30.6
259	ROYG_037_037a	0.375 0.125 0.875	0.375 0.375 0.187	228	0.375 0.124 0.875	33.1 24.3	-22.0	25.9	359.8	0.375 0.125 0.875	32.7 36.2	16.7	32.9	30.6
260	ROYG_037_037a	0.375 0.125 1.0	0.375 0.375 0.187	206	0.375 0.124 1.0	33.2 25.3	-27.8	25.9	359.8	0.375 0.125 1.0	32.7 36.2	16.7	32.9	30.6
261	ROYG_037_037a	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.256 0.0	43.2 4.1	30.1	30.4	82.1	0.375 0.25 0.0	32.7 36.2	16.7	32.9	30.6
262	ROYG_037_037a	0.375 0.25 0.125	0.375 0.375 0.187	125	0.375 0.25 0.125	43.3 5.2	17.1	18.6	67.1	0.375 0.25 0.125	32.7 36.2	16.7	32.9	30.6
263	ROYG_037_037a	0.375 0.25 0.25	0.375 0.375 0.187	190	0.375 0.25 0.25	43.4 10.4	5.6	10.4	32.2	0.375 0.25 0.25	32.7 36.2	16.7	32.9	30.6
264	ROYG_037_037a	0.375 0.25 0.375	0.375 0.375 0.187	266	0.375 0.25 0.375	43.5 15.5	0.0	9.9	359.8	0.375 0.25 0.375	32.7 36.2	16.7	32.9	30.6
265	ROYG_037_037a	0.375 0.25 0.5	0.375 0.375 0.187	349	0.375 0.25 0.5	43.6 20.6	-11.0	20.9	359.8	0.375 0.25 0.5	32.7 36.2	16.7	32.9	30.6
266	ROYG_037_037a	0.375 0.25 0.625	0.375 0.375 0.187	437	0.375 0.25 0.625	43.7 25.7	-16.5	20.9	359.8	0.375 0.25 0.625	32.7 36.2	16.7	32.9	30.6
267	ROYG_037_037a	0.375 0.25 0.75	0.375 0.375 0.187	530	0.375 0.25 0.75	43.8 30.8	-21.3	20.9	359.8	0.375 0.25 0.75	32.7 36.2	16.7	32.9	30.6
268	ROYG_037_037a	0.375 0.25 0.875	0.375 0.375 0.187	628	0.375 0.25 0.875	43.9 35.9	-26.5	20.9	359.8	0.375 0.25 0.875	32.7 36.2	16.7	32.9	30.6
269	ROYG_037_037a	0.375 0.25 1.0	0.375 0.375 0.187	729	0.375 0.25 1.0	44.0 41.0	-31.8	20.9	359.8	0.375 0.25 1.0	32.7 36.2	16.7	32.9	30.6
270	ROYG_037_037a	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.375 0.0	48.1 3.0	35.8	36.0	96.1	0.375 0.375 0.0	44.1 6.7	33.2	32.9	78.5
271	ROYG_037_037a	0.375 0.375 0.125	0.375 0.375 0.187	125	0.375 0.375 0.125	48.2 8.1	23.8	24.0	96.1	0.375 0.375 0.125	44.1 6.7	33.2	32.9	78.5
272	ROYG_037_037a	0.375 0.375 0.25	0.375 0.375 0.187	190	0.375 0.375 0.25	48.3 13.2	11.9	12.0	96.1	0.375 0.375 0.25	44.1 6.7	33.2	32.9	78.5
273	ROYG_037_037a	0.375 0.375 0.375	0.375 0.375 0.187	266	0.375 0.375 0.375	48.4 18.3	0.0	11.9	12.0	0.375 0.375 0.375	44.1 6.7	33.2	32.9	78.5
274	ROYG_037_037a	0.375 0.375 0.5	0.375 0.375 0.187	349	0.375 0.375 0.5	48.5 23.4	-5.0	11.9	12.0	0.375 0.375 0.5	44.1 6.7	33.2	32.9	78.5
275	ROYG_037_037a	0.375 0.375 0.625	0.375 0.375 0.187	437	0.375 0.375 0.625	48.6 28.5	-10.1	12.5	366.2	0.375 0.375 0.625	44.1 6.7	33.2	32.9	78.5
276	ROYG_037_037a	0.375 0.375 0.75	0.375 0.375 0.187	530	0.375 0.375 0.75	48.7 33.6	-15.1	12.5	366.2	0.375 0.375 0.75	44.1 6.7	33.2	32.9	78.5
277	ROYG_037_037a	0.375 0.375 0.875	0.375 0.375 0.187	628	0.375 0.375 0.875	48.8 38.7	-20.2	12.5	366.2	0.375 0.375 0.875	44.1 6.7	33.2	32.9	78.5
278	ROYG_037_037a	0.375 0.375 1.0	0.375 0.375 0.187	729	0.375 0.375 1.0	48.9 43.8	-25.2	12.5	366.2	0.375 0.375 1.0	44.1 6.7	33.2	32.9	78.5
279	ROYG_037_037a	0.375 0.5 0.0	0.375 0.375 0.187	109	0.375 0.5 0.0	52.8 8.0	42.1	43.0	101.1	0.375 0.5 0.0	49.1 11.9	31.0	31.0	93.2
280	ROYG_037_037a	0.375 0.5 0.125	0.375 0.375 0.187	150	0.375 0.5 0.125	52.9 13.1	29.8	43.0	101.1	0.375 0.5 0.125	49.1 11.9	31.0	31.0	93.2
281	ROYG_037_037a	0.375 0.5 0.25	0.375 0.375 0.187	206	0.375 0.5 0.25	53.0 18.2	18.2	43.0	101.1	0.375 0.5 0.25	49.1 11.9	31.0	31.0	93.2
282	ROYG_037_037a	0.375 0.5 0.375	0.375 0.375 0.187	266	0.375 0.5 0.375	53.1 23.3	7.7	43.0	101.1	0.375 0.5 0.375	49.1 11.9	31.0	31.0	93.2
283	ROYG_037_037a	0.375 0.5 0.5	0.375 0.375 0.187	330	0.375 0.5 0.5	53.2 28.4	-3.1	43.0	101.1	0.375 0.5 0.5	49.1 11.9	31.0	31.0	93.2
284	ROYG_037_037a	0.375 0.5 0.625	0.375 0.375 0.187	390	0.375 0.5 0.625	53.3 33.5	-8.1	43.0	101.1	0.375 0.5 0.625	49.1 11.9	31.0	31.0	93.2
285	ROYG_037_037a	0.375 0.5 0.75	0.375 0.375 0.187	450	0.375 0.5 0.75	53.4 38.6	-13.1	43.0	101.1	0.375 0.5 0.75	49.1 11.9	31.0	31.0	93.2
286	ROYG_037_037a	0.375 0.5 0.875	0.375 0.375 0.187	510	0.375 0.5 0.875	53.5 43.7	-18.1	43.0	101.1	0.375 0.5 0.875	49.1 11.9	31.0	31.0	93.2
287	ROYG_037_037a	0.375 0.5 1.0	0.375 0.375 0.187	570	0.375 0.5 1.0	53.6 48.8	-23.1	43.0	101.1	0.375 0.5 1.0	49.1 11.9	31.0	31.0	93.2
288	ROYG_037_037a	0.375 0.625 0.0	0.375 0.625 0.0	113	0.375 0.625 0.0	56.4 11.6	-15.3	46.9	108.0	0.375 0.625 0.0	54.2 12.9	44.7	36.0	106.1
289	ROYG_037_037a	0.375 0.625 0.125	0.375 0.625 0.0	150	0.375 0.625 0.125	56.5 16.7	-25.2	46.9	108.0	0.375 0.625 0.125	54.2 12.			



TUB material: code=rha4ta
ny0 (CMY0)

TU8-test chart PE77; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=0, de=0, *cmY0*

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n	H1C*Fd	rgb-Fd	1c1-Fd	1c2-Fd	1c3-Fd	1c4-Fd	1c5-Fd	1c6-Fd	1c7-Fd	1c8-Fd	1c9-Fd	1c10-Fd	1c11-Fd	1c12-Fd	1c13-Fd	1c14-Fd	1c15-Fd	1c16-Fd	1c17-Fd	1c18-Fd	1c19-Fd	1c20-Fd	1c21-Fd	1c22-Fd	1c23-Fd	1c24-Fd	1c25-Fd	1c26-Fd	1c27-Fd	1c28-Fd	1c29-Fd	1c30-Fd	1c31-Fd	1c32-Fd	1c33-Fd	1c34-Fd	1c35-Fd	1c36-Fd	1c37-Fd	1c38-Fd	1c39-Fd	1c40-Fd	1c41-Fd	1c42-Fd	1c43-Fd	1c44-Fd	1c45-Fd	1c46-Fd	1c47-Fd	1c48-Fd	1c49-Fd	1c50-Fd	1c51-Fd	1c52-Fd	1c53-Fd	1c54-Fd	1c55-Fd	1c56-Fd	1c57-Fd	1c58-Fd	1c59-Fd	1c60-Fd	1c61-Fd	1c62-Fd	1c63-Fd	1c64-Fd	1c65-Fd	1c66-Fd	1c67-Fd	1c68-Fd	1c69-Fd	1c70-Fd	1c71-Fd	1c72-Fd	1c73-Fd	1c74-Fd	1c75-Fd	1c76-Fd	1c77-Fd	1c78-Fd	1c79-Fd	1c80-Fd	1c81-Fd	1c82-Fd	1c83-Fd	1c84-Fd	1c85-Fd	1c86-Fd	1c87-Fd	1c88-Fd	1c89-Fd	1c90-Fd	1c91-Fd	1c92-Fd	1c93-Fd	1c94-Fd	1c95-Fd	1c96-Fd	1c97-Fd	1c98-Fd	1c99-Fd	1c100-Fd	1c101-Fd	1c102-Fd	1c103-Fd	1c104-Fd	1c105-Fd	1c106-Fd	1c107-Fd	1c108-Fd	1c109-Fd	1c110-Fd	1c111-Fd	1c112-Fd	1c113-Fd	1c114-Fd	1c115-Fd	1c116-Fd	1c117-Fd	1c118-Fd	1c119-Fd	1c120-Fd	1c121-Fd	1c122-Fd	1c123-Fd	1c124-Fd	1c125-Fd	1c126-Fd	1c127-Fd	1c128-Fd	1c129-Fd	1c130-Fd	1c131-Fd	1c132-Fd	1c133-Fd	1c134-Fd	1c135-Fd	1c136-Fd	1c137-Fd	1c138-Fd	1c139-Fd	1c140-Fd	1c141-Fd	1c142-Fd	1c143-Fd	1c144-Fd	1c145-Fd	1c146-Fd	1c147-Fd	1c148-Fd	1c149-Fd	1c150-Fd	1c151-Fd	1c152-Fd	1c153-Fd	1c154-Fd	1c155-Fd	1c156-Fd	1c157-Fd	1c158-Fd	1c159-Fd	1c160-Fd	1c161-Fd	1c162-Fd	1c163-Fd	1c164-Fd	1c165-Fd	1c166-Fd	1c167-Fd	1c168-Fd	1c169-Fd	1c170-Fd	1c171-Fd	1c172-Fd	1c173-Fd	1c174-Fd	1c175-Fd	1c176-Fd	1c177-Fd	1c178-Fd	1c179-Fd	1c180-Fd	1c181-Fd	1c182-Fd	1c183-Fd	1c184-Fd	1c185-Fd	1c186-Fd	1c187-Fd	1c188-Fd	1c189-Fd	1c190-Fd	1c191-Fd	1c192-Fd	1c193-Fd	1c194-Fd	1c195-Fd	1c196-Fd	1c197-Fd	1c198-Fd	1c199-Fd	1c200-Fd	1c201-Fd	1c202-Fd	1c203-Fd	1c204-Fd	1c205-Fd	1c206-Fd	1c207-Fd	1c208-Fd	1c209-Fd	1c210-Fd	1c211-Fd	1c212-Fd	1c213-Fd	1c214-Fd	1c215-Fd	1c216-Fd	1c217-Fd	1c218-Fd	1c219-Fd	1c220-Fd	1c221-Fd	1c222-Fd	1c223-Fd	1c224-Fd	1c225-Fd	1c226-Fd	1c227-Fd	1c228-Fd	1c229-Fd	1c230-Fd	1c231-Fd	1c232-Fd	1c233-Fd	1c234-Fd	1c235-Fd	1c236-Fd	1c237-Fd	1c238-Fd	1c239-Fd	1c240-Fd	1c241-Fd	1c242-Fd	1c243-Fd	1c244-Fd	1c245-Fd	1c246-Fd	1c247-Fd	1c248-Fd	1c249-Fd	1c250-Fd	1c251-Fd	1c252-Fd	1c253-Fd	1c254-Fd	1c255-Fd	1c256-Fd	1c257-Fd	1c258-Fd	1c259-Fd	1c260-Fd	1c261-Fd	1c262-Fd	1c263-Fd	1c264-Fd	1c265-Fd	1c266-Fd	1c267-Fd	1c268-Fd	1c269-Fd	1c270-Fd	1c271-Fd	1c272-Fd	1c273-Fd	1c274-Fd	1c275-Fd	1c276-Fd	1c277-Fd	1c278-Fd	1c279-Fd	1c280-Fd	1c281-Fd	1c282-Fd	1c283-Fd	1c284-Fd	1c285-Fd	1c286-Fd	1c287-Fd	1c288-Fd	1c289-Fd	1c290-Fd	1c291-Fd	1c292-Fd	1c293-Fd	1c294-Fd	1c295-Fd	1c296-Fd	1c297-Fd	1c298-Fd	1c299-Fd	1c300-Fd	1c301-Fd	1c302-Fd	1c303-Fd	1c304-Fd	1c305-Fd	1c306-Fd	1c307-Fd	1c308-Fd	1c309-Fd	1c310-Fd	1c311-Fd	1c312-Fd	1c313-Fd	1c314-Fd	1c315-Fd	1c316-Fd	1c317-Fd	1c318-Fd	1c319-Fd	1c320-Fd	1c321-Fd	1c322-Fd	1c323-Fd	1c324-Fd	1c325-Fd	1c326-Fd	1c327-Fd	1c328-Fd	1c329-Fd	1c330-Fd	1c331-Fd	1c332-Fd	1c333-Fd	1c334-Fd	1c335-Fd	1c336-Fd	1c337-Fd	1c338-Fd	1c339-Fd	1c340-Fd	1c341-Fd	1c342-Fd	1c343-Fd	1c344-Fd	1c345-Fd	1c346-Fd	1c347-Fd	1c348-Fd	1c349-Fd	1c350-Fd	1c351-Fd	1c352-Fd	1c353-Fd	1c354-Fd	1c355-Fd	1c356-Fd	1c357-Fd	1c358-Fd	1c359-Fd	1c360-Fd	1c361-Fd	1c362-Fd	1c363-Fd	1c364-Fd	1c365-Fd	1c366-Fd	1c367-Fd	1c368-Fd	1c369-Fd	1c370-Fd	1c371-Fd	1c372-Fd	1c373-Fd	1c374-Fd	1c375-Fd	1c376-Fd	1c377-Fd	1c378-Fd	1c379-Fd	1c380-Fd	1c381-Fd	1c382-Fd	1c383-Fd	1c384-Fd	1c385-Fd	1c386-Fd	1c387-Fd	1c388-Fd	1c389-Fd	1c390-Fd	1c391-Fd	1c392-Fd	1c393-Fd	1c394-Fd	1c395-Fd	1c396-Fd	1c397-Fd	1c398-Fd	1c399-Fd	1c400-Fd	1c401-Fd	1c402-Fd	1c403-Fd	1c404-Fd	1c405-Fd	1c406-Fd	1c407-Fd	1c408-Fd	1c409-Fd	1c410-Fd	1c411-Fd	1c412-Fd	1c413-Fd	1c414-Fd	1c415-Fd	1c416-Fd	1c417-Fd	1c418-Fd	1c419-Fd	1c420-Fd	1c421-Fd	1c422-Fd	1c423-Fd	1c424-Fd	1c425-Fd	1c426-Fd	1c427-Fd	1c428-Fd	1c429-Fd	1c430-Fd	1c431-Fd	1c432-Fd	1c433-Fd	1c434-Fd	1c435-Fd	1c436-Fd	1c437-Fd	1c438-Fd	1c439-Fd	1c440-Fd	1c441-Fd	1c442-Fd	1c443-Fd	1c444-Fd	1c445-Fd	1c446-Fd	1c447-Fd	1c448-Fd	1c449-Fd	1c450-Fd	1c451-Fd	1c452-Fd	1c453-Fd	1c454-Fd	1c455-Fd	1c456-Fd	1c457-Fd	1c458-Fd	1c459-Fd	1c460-Fd	1c461-Fd	1c462-Fd	1c463-Fd	1c464-Fd	1c465-Fd	1c466-Fd	1c467-Fd	1c468-Fd	1c469-Fd	1c470-Fd	1c471-Fd	1c472-Fd	1c473-Fd	1c474-Fd	1c475-Fd	1c476-Fd	1c477-Fd	1c478-Fd	1c479-Fd	1c480-Fd	1c481-Fd	1c482-Fd	1c483-Fd	1c484-Fd	1c485-Fd	1c486-Fd	1c487-Fd	1c488-Fd	1c489-Fd	1c490-Fd	1c491-Fd	1c492-Fd	1c493-Fd	1c494-Fd	1c495-Fd	1c496-Fd	1c497-Fd	1c498-Fd	1c499-Fd	1c500-Fd	1c501-Fd	1c502-Fd	1c503-Fd	1c504-Fd	1c505-Fd	1c506-Fd	1c507-Fd	1c508-Fd	1c509-Fd	1c510-Fd	1c511-Fd	1c512-Fd	1c513-Fd	1c514-Fd	1c515-Fd	1c516-Fd	1c517-Fd	1c518-Fd	1c519-Fd	1c520-Fd	1c521-Fd	1c522-Fd	1c523-Fd	1c524-Fd	1c525-Fd	1c526-Fd	1c527-Fd	1c528-Fd	1c529-Fd	1c530-Fd	1c531-Fd	1c532-Fd	1c533-Fd	1c534-Fd	1c535-Fd	1c536-Fd	1c537-Fd	1c538-Fd	1c539-Fd	1c540-Fd	1c541-Fd	1c542-Fd	1c543-Fd	1c544-Fd	1c545-Fd	1c546-Fd	1c547-Fd	1c548-Fd	1c549-Fd	1c550-Fd	1c551-Fd	1c552-Fd	1c553-Fd	1c554-Fd	1c555-Fd	1c556-Fd	1c557-Fd	1c558-Fd	1c559-Fd	1c560-Fd	1c561-Fd	1c562-Fd	1c563-Fd	1c564-Fd	1c565-Fd	1c566-F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n	H1C*	h1a*	h1b*	h1c*	h1d*	h1e*	h1f*	h1g*	h1h*	h1i*	h1j*	h1k*	h1l*	h1m*	h1n*	h1o*	h1p*	h1q*	h1r*	h1s*	h1t*	h1u*	h1v*	h1w*	h1x*	h1y*	h1z*	h1aa*	h1ab*	h1ac*	h1ad*	h1ae*	h1af*	h1ag*	h1ah*	h1ai*	h1aj*	h1ak*	h1al*	h1am*	h1an*	h1ao*	h1ap*	h1aq*	h1ar*	h1as*	h1at*	h1au*	h1av*	h1aw*	h1ax*	h1ay*	h1az*	h1ba*	h1bb*	h1bc*	h1bd*	h1be*	h1bf*	h1bg*	h1bh*	h1bi*	h1bj*	h1bk*	h1bl*	h1bm*	h1bn*	h1bo*	h1bp*	h1bq*	h1br*	h1bs*	h1bt*	h1bu*	h1bv*	h1bw*	h1bx*	h1by*	h1bz*	h1ca*	h1cb*	h1cc*	h1cd*	h1ce*	h1cf*	h1cg*	h1ch*	h1ci*	h1cj*	h1ck*	h1cl*	h1cm*	h1cn*	h1co*	h1cp*	h1cq*	h1cr*	h1cs*	h1ct*	h1cu*	h1cv*	h1cw*	h1cx*	h1cy*	h1cz*	h1da*	h1db*	h1dc*	h1dd*	h1de*	h1df*	h1dg*	h1dh*	h1di*	h1dj*	h1dk*	h1dl*	h1dm*	h1dn*	h1do*	h1dp*	h1dq*	h1dr*	h1ds*	h1dt*	h1du*	h1dv*	h1dw*	h1dx*	h1dy*	h1dz*	h1ea*	h1eb*	h1ec*	h1ed*	h1ee*	h1ef*	h1eg*	h1eh*	h1ei*	h1ej*	h1ek*	h1el*	h1em*	h1en*	h1eo*	h1ep*	h1eq*	h1er*	h1es*	h1et*	h1eu*	h1ev*	h1ew*	h1ex*	h1ey*	h1ez*	h1fa*	h1fb*	h1fc*	h1fd*	h1fe*	h1ff*	h1fg*	h1fh*	h1fi*	h1fj*	h1fk*	h1fl*	h1fm*	h1fn*	h1fo*	h1fp*	h1fq*	h1fr*	h1fs*	h1ft*	h1fu*	h1fv*	h1fw*	h1fx*	h1fy*	h1fz*	h1ga*	h1gb*	h1gc*	h1gd*	h1ge*	h1gf*	h1gg*	h1gh*	h1gi*	h1gj*	h1gk*	h1gl*	h1gm*	h1gn*	h1go*	h1gp*	h1gq*	h1gr*	h1gs*	h1gt*	h1gu*	h1gv*	h1gw*	h1gx*	h1gy*	h1gz*	h1ha*	h1hb*	h1hc*	h1hd*	h1he*	h1hf*	h1hg*	h1hh*	h1hi*	h1hj*	h1hk*	h1hl*	h1hm*	h1hn*	h1ho*	h1hp*	h1hq*	h1hr*	h1hs*	h1ht*	h1hu*	h1hv*	h1hw*	h1hx*	h1hy*	h1hz*	h1ia*	h1ib*	h1ic*	h1id*	h1ie*	h1if*	h1ig*	h1ih*	h1ii*	h1ij*	h1ik*	h1il*	h1im*	h1in*	h1io*	h1ip*	h1iq*	h1ir*	h1is*	h1it*	h1iu*	h1iv*	h1iw*	h1ix*	h1iy*	h1iz*	h1ja*	h1jb*	h1jc*	h1jd*	h1je*	h1jf*	h1jg*	h1jh*	h1ji*	h1jj*	h1jk*	h1jl*	h1jm*	h1jn*	h1jo*	h1jp*	h1jq*	h1jr*	h1js*	h1jt*	h1ju*	h1jv*	h1jw*	h1jx*	h1jy*	h1jz*	h1ka*	h1kb*	h1kc*	h1kd*	h1ke*	h1kf*	h1kg*	h1kh*	h1ki*	h1kj*	h1kk*	h1kl*	h1km*	h1kn*	h1ko*	h1kp*	h1kq*	h1kr*	h1ks*	h1kt*	h1ku*	h1kv*	h1kw*	h1kx*	h1ky*	h1kz*	h1la*	h1lb*	h1lc*	h1ld*	h1le*	h1lf*	h1lg*	h1lh*	h1li*	h1lj*	h1lk*	h1ll*	h1lm*	h1ln*	h1lo*	h1lp*	h1lq*	h1lr*	h1ls*	h1lt*	h1lu*	h1lv*	h1lw*	h1lx*	h1ly*	h1lz*	h1ma*	h1mb*	h1mc*	h1md*	h1me*	h1mf*	h1mg*	h1mh*	h1mi*	h1mj*	h1mk*	h1ml*	h1mm*	h1mn*	h1mo*	h1mp*	h1mq*	h1mr*	h1ms*	h1mt*	h1mu*	h1mv*	h1mw*	h1mx*	h1my*	h1mz*	h1na*	h1nb*	h1nc*	h1nd*	h1ne*	h1nf*	h1ng*	h1nh*	h1ni*	h1nj*	h1nk*	h1nl*	h1nm*	h1nn*	h1no*	h1np*	h1nq*	h1nr*	h1ns*	h1nt*	h1nu*	h1nv*	h1nw*	h1nx*	h1ny*	h1nz*	h1oa*	h1ob*	h1oc*	h1od*	h1oe*	h1of*	h1og*	h1oh*	h1oi*	h1oj*	h1ok*	h1ol*	h1om*	h1on*	h1oo*	h1op*	h1oq*	h1or*	h1os*	h1ot*	h1ou*	h1ov*	h1ow*	h1ox*	h1oy*	h1oz*	h1pa*	h1pb*	h1pc*	h1pd*	h1pe*	h1pf*	h1pg*	h1ph*	h1pi*	h1pj*	h1pk*	h1pl*	h1pm*	h1pn*	h1po*	h1pp*	h1pq*	h1pr*	h1ps*	h1pt*	h1pu*	h1pv*	h1pw*	h1px*	h1py*	h1pz*	h1qa*	h1qb*	h1qc*	h1qd*	h1qe*	h1qf*	h1qg*	h1qh*	h1qi*	h1qj*	h1qk*	h1ql*	h1qm*	h1qn*	h1qo*	h1qp*	h1qq*	h1qr*	h1qs*	h1qt*	h1qu*	h1qv*	h1qw*	h1qx*	h1qy*	h1qz*	h1ra*	h1rb*	h1rc*	h1rd*	h1re*	h1rf*	h1rg*	h1rh*	h1ri*	h1rj*	h1rk*	h1rl*	h1rm*	h1rn*	h1ro*	h1rp*	h1rq*	h1rr*	h1rs*	h1rt*	h1ru*	h1rv*	h1rw*	h1rx*	h1ry*	h1rz*	h1sa*	h1sb*	h1sc*	h1sd*	h1se*	h1sf*	h1sg*	h1sh*	h1si*	h1sj*	h1sk*	h1sl*	h1sm*	h1sn*	h1so*	h1sp*	h1sq*	h1sr*	h1ss*	h1st*	h1su*	h1sv*	h1sw*	h1sx*	h1sy*	h1sz*	h1ta*	h1tb*	h1tc*	h1td*	h1te*	h1tf*	h1tg*	h1th*	h1ti*	h1tj*	h1tk*	h1tl*	h1tm*	h1tn*	h1to*	h1tp*	h1tq*	h1tr*	h1ts*	h1tt*	h1tu*	h1tv*	h1tw*	h1tx*	h1ty*	h1tz*	h1ua*	h1ub*	h1uc*	h1ud*	h1ue*	h1uf*	h1ug*	h1uh*	h1ui*	h1uj*	h1uk*	h1ul*	h1um*	h1un*	h1uo*	h1up*	h1uq*	h1ur*	h1us*	h1ut*	h1uu*	h1uv*	h1uw*	h1ux*	h1uy*	h1uz*	h1va*	h1vb*	h1vc*	h1vd*	h1ve*	h1vf*	h1vg*	h1vh*	h1vi*	h1vj*	h1vk*	h1vl*	h1vm*	h1vn*	h1vo*	h1vp*	h1vq*	h1vr*	h1vs*	h1vt*	h1vu*	h1vv*	h1vw*	h1vx*	h1vy*	h1vz*	h1wa*	h1wb*	h1wc*	h1wd*	h1we*	h1wf*	h1wg*	h1wh*	h1wi*	h1wj*	h1wk*	h1wl*	h1wm*	h1wn*	h1wo*	h1wp*	h1wq*	h1wr*	h1ws*	h1wt*	h1wu*	h1wv*	h1ww*	h1wx*	h1wy*	h1wz*	h1xa*	h1xb*	h1xc*	h1xd*	h1xe*	h1xf*	h1xg*	h1xh*	h1xi*	h1xj*	h1xk*	h1xl*	h1xm*	h1xn*	h1xo*	h1xp*	h1xq*	h1xr*	h1xs*	h1xt*	h1xu*	h1xv*	h1xw*	h1xx*	h1xy*	h1xz*	h1ya*	h1yb*	h1yc*	h1yd*	h1ye*	h1yf*	h1yg*	h1yh*	h1yi*	h1yj*	h1yk*	h1yl*	h1ym*	h1yn*	h1yo*	h1yp*	h1yq*	h1yr*	h1ys*	h1yt*	h1yu*	h1yv*	h1yw*	h1yx*	h1yy*	h1yz*	h1za*	h1zb*	h1zc*	h1zd*	h1ze*	h1zf*	h1zg*	h1zh*	h1zi*	h1zj*	h1zk*	h1zl*	h1zm*	h1zn*	h1zo*	h1zp*	h1zq*	h1zr*	h1zs*	h1zt*	h1zu*	h1zv*	h1zw*	h1zx*	h1zy*	h1zz*
567	R00Y_087_0874	0.875	0.0	0.125	0.875	0.0	0.116	42.9	62.0	73.4	32.3	0.875	0.0	0.432	65.4	40.5	76.9	31.8	3.6	389	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875	0.0	0.133	45.4	70.5	44.8	83.9	81.9	29.0	32.3	0.875																																																																																																																																																																																																																																																																																																																																																																																																																																																					

see similar files: <http://130.149.60.45/~farbmatrik/PE77/PE77.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PE77/PE77L0NA.TXT /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/26

1-0032031-F0

PE770-7N, Page 21/26-F

```

input: rgb/cmyk -> rgb_d
output: transfer to cmyd_d

```

DE 4600I	170920	TYT	1090	colors	Concentration cm:0*

[illegible]

<http://130.149.60.45/~farbmatrik/PE77/PE77L0NA.TXT /.PS>; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 24/26

n	H1C*	rgb*	LabCH*	rgb*	LabCH*	rgb*	LabCH*	DE*	rgb*	LabCH*	rgb*	LabCH*	DE*	rgb*	LabCH*	rgb*	LabCH*	DE*	rgb*	LabCH*
891	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
892	B50R_100.0124	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
893	B50R_100.0254	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
894	B50R_100.0374	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
895	B50R_100.0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
896	B50R_100.0624	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
897	B50R_100.0754	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
898	B50R_100.0874	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
899	B50R_100.1004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	GOB_100.0124	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
901	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
902	B50R_087.0124	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
903	B50R_087.0254	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
904	B50R_087.0374	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
905	B50R_087.0504	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
906	B50R_087.0624	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
907	B50R_087.0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
908	B50R_087.0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
909	GOB_100.0254	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
910	GOB_100.0374	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
911	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
912	B50R_075.0124	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
913	B50R_075.0254	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
914	B50R_075.0374	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
915	B50R_075.0504	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
916	B50R_075.0624	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
917	B50R_075.0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
918	GOB_100.0374	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
919	GOB_100.0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
920	GOB_100.0624	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
921	B50R_062.0124	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
922	B50R_062.0254	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
923	B50R_062.0374	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
924	B50R_062.0504	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
925	B50R_062.0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
926	GOB_100.0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
927	GOB_100.0624	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
928	GOB_087.0374	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
929	GOB_087.0504	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
930	GOB_087.0624	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
931	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
932	B50R_050.0124	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
933	B50R_050.0254	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
934	B50R_050.0374	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
935	B50R_050.0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
936	GOB_100.0624	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
937	GOB_087.0504	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
938	GOB_087.0624	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
939	GOB_087.0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875												

<http://130.149.60.45/~farbmatrik/PE77/PE77L0NA.TXT> /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 25/26

n	H1C*	rgb*	LabCH*	rgb*	LabCH*	rgb*	LabCH*	rgb*	LabCH*	DE*	rgb*	LabCH*	rgb*	LabCH*
972	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	302.0	-1.6	23.1	1.0
973	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	8.9	26.4	8.9	23.1	1.0
974	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	16.8	13.0	16.8	23.1	1.0
975	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	24.7	9.9	24.7	23.1	1.0
976	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	32.6	6.0	32.6	23.1	1.0
977	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	40.5	4.1	40.5	23.1	1.0
978	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	48.4	2.2	48.4	23.1	1.0
979	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	56.3	0.3	56.3	23.1	1.0
980	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	64.2	-1.6	64.2	23.1	1.0
981	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.1	-3.5	72.1	23.1	1.0
982	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	80.0	-5.4	80.0	23.1	1.0
983	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	87.9	-7.3	87.9	23.1	1.0
984	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	95.8	-9.2	95.8	23.1	1.0
985	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	103.7	-11.1	103.7	23.1	1.0
986	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	111.6	-13.0	111.6	23.1	1.0
987	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	119.5	-14.9	119.5	23.1	1.0
988	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	127.4	-16.8	127.4	23.1	1.0
989	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	135.3	-18.7	135.3	23.1	1.0
990	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.2	-20.6	143.2	23.1	1.0
991	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	151.1	-22.5	151.1	23.1	1.0
992	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	159.0	-24.4	159.0	23.1	1.0
993	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	166.9	-26.3	166.9	23.1	1.0
994	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	174.8	-28.2	174.8	23.1	1.0
995	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	182.7	-30.1	182.7	23.1	1.0
996	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	190.6	-32.0	190.6	23.1	1.0
997	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	198.5	-33.9	198.5	23.1	1.0
998	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	206.4	-35.8	206.4	23.1	1.0
999	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214.3	-37.7	214.3	23.1	1.0
1000	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	222.2	-39.6	222.2	23.1	1.0
1001	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	230.1	-41.5	230.1	23.1	1.0
1002	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	238.0	-43.4	238.0	23.1	1.0
1003	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	245.9	-45.3	245.9	23.1	1.0
1004	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	253.8	-47.2	253.8	23.1	1.0
1005	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	261.7	-49.1	261.7	23.1	1.0
1006	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	269.6	-51.0	269.6	23.1	1.0
1007	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	277.5	-52.9	277.5	23.1	1.0
1008	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	285.4	-54.8	285.4	23.1	1.0
1009	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	293.3	-56.7	293.3	23.1	1.0
1010	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	301.2	-58.6	301.2	23.1	1.0
1011	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	309.1	-60.5	309.1	23.1	1.0
1012	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	317.0	-62.4	317.0	23.1	1.0
1013	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	324.9	-64.3	324.9	23.1	1.0
1014	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	332.8	-66.2	332.8	23.1	1.0
1015	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	340.7	-68.1	340.7	23.1	1.0
1016	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	348.6	-70.0	348.6	23.1	1.0
1017	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356.5	-71.9	356.5	23.1	1.0
1018	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	364.4	-73.8	364.4	23.1	1.0
1019	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	372.3	-75.7	372.3	23.1	1.0
1020	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	380.2	-77.6	380.2	23.1	1.0
1021	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	388.1	-79.5	388.1	23.1	1.0
1022	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	396.0	-81.4	396.0	23.1	1.0
1023	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	403.9	-83.3	403.9	23.1	1.0
1024	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	411.8	-85.2	411.8	23.1	1.0
1025	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	419.7	-87.1	419.7	23.1	1.0
1026	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	427.6	-89.0	427.6	23.1	1.0
1027	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	435.5	-90.9	435.5	23.1	1.0
1028	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	443.4	-92.8	443.4	23.1	1.0
1029	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	451.3	-94.7	451.3	23.1	1.0
1030	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	459.2	-96.6	459.2	23.1	1.0
1031	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	467.1	-98.5	467.1	23.1	1.0
1032	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	475.0	-100.4	475.0	23.1	1.0
1033	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	482.9	-102.3	482.9	23.1	1.0
1034	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	490.8	-104.2	490.8	23.1	1.0
1035	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	504.7	-106.1	504.7	23.1	1.0
1036	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	518.6	-108.0	518.6	23.1	1.0
1037	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	532.5	-109.9	532.5	23.1	1.0
1038	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	546.4	-111.8	546.4	23.1	1.0
1039	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	560.3	-113.7	560.3	23.1	1.0
1040	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	574.2	-115.6	574.2	23.1	1.0
1041	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	588.1	-117.5	588.1	23.1	1.0
1042	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	602.0	-119.4	602.0	23.1	1.0
1043	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	615.9	-121.3	615.9	23.1	1.0
1044	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	629.8	-123.2	629.8	23.1	1.0
1045	NW_0124	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	643.7	-125.1	643.7	23.1	1.0
1046	NW_0254	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	657.6	-127.0	657.6	23.1	1.0
1047	NW_0374	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	671.5	-128.9	671.5	23.1	1.0
1048	NW_0504	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	685.4	-130.8	685.4	23.1	1.0
1049	NW_0624	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	699.3	-132.7	699.3	23.1	1.0
1050	NW_0754	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	713.2	-134.6	713.2	23.1	1.0
1051	NW_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	727.1	-136.5	727.1	23.1	1.0
1052	NW_1004	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	741.0	-138.4	741.0	23.1	1.0

PE77-7N, Page 25/26-F

TUB-test chart PE77; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=0, de=0, cmy0

input: *rgb/cmyk* -> *rgb*
output: transfer to *cmy0d*

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

Mean

TUB registration: 20150701-PE77/PE77LONA.TXT /PS
application for measurement of offset print output, separation cmy0 (CMY0)

TUB material: code=rha4ta

input: *rgb/cmyk* - > *rgbd*
output: transfer to *cmy0d*

see similar files: <http://130.149.60.45/~farbmatrik/PE77/PE77.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

PE770-7N, Page 26/26-F

I-0032531-F0

I-0032531-F0

TUB-test chart PE77; hue circle; 16 and 8 steps
colors and differences, ΔE^* , 3D=0, de=0, *cmy0*

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

n	H1C*Fid	rgb_Fid	rgb_Fid	rgb_Fid	LabCh*Fid	LabCh*Fid	LabCh*Fid	DE*Fid	DE*Fid	DE*Fid	rgb_Md	LabCh*_Md	LabCh*_Md
1053	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	3.7	69.9	3.7	1.0	1.0	95.6
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	1.5	71.6	1.5	1.0	1.0	95.6
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.1	114.3	0.1	1.0	1.0	95.6
1056	NW_000q	0.0	0.0	0.0	0.0	0.0	0.0	6.7	308.5	6.7	1.0	1.0	95.6
1057	NW_006q	0.066	0.066	0.066	0.066	0.066	0.066	5.5	6.5	5.5	1.0	1.0	95.6
1058	NW_013q	0.133	0.133	0.133	0.133	0.133	0.133	3.4	9.0	3.4	1.0	1.0	95.6
1059	NW_020q	0.2	0.2	0.2	0.2	0.2	0.2	11.6	22.4	11.6	1.0	1.0	95.6
1060	NW_026q	0.266	0.266	0.266	0.266	0.266	0.266	30.4	30.4	30.4	1.0	1.0	95.6
1061	NW_033q	0.333	0.333	0.333	0.333	0.333	0.333	44.7	44.7	44.7	1.0	1.0	95.6
1062	NW_040q	0.4	0.4	0.4	0.4	0.4	0.4	13.3	13.3	13.3	1.0	1.0	95.6
1063	NW_046q	0.466	0.466	0.466	0.466	0.466	0.466	48.4	48.4	48.4	1.0	1.0	95.6
1064	NW_053q	0.533	0.533	0.533	0.533	0.533	0.533	51.6	51.6	51.6	1.0	1.0	95.6
1065	NW_060q	0.6	0.6	0.6	0.6	0.6	0.6	56.7	56.7	56.7	1.0	1.0	95.6
1066	NW_066q	0.666	0.666	0.666	0.666	0.666	0.666	8.3	8.3	8.3	1.0	1.0	95.6
1067	NW_073q	0.734	0.734	0.734	0.734	0.734	0.734	53.5	53.5	53.5	1.0	1.0	95.6
1068	NW_080q	0.8	0.8	0.8	0.8	0.8	0.8	69.4	69.4	69.4	1.0	1.0	95.6
1069	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	3.6	3.6	3.6	1.0	1.0	95.6
1070	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	1.1	71.7	1.1	1.0	1.0	95.6
1071	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.1	118.4	0.1	1.0	1.0	95.6
1072	NW_000q	0.0	0.0	0.0	0.0	0.0	0.0	2.8	299.2	2.8	1.0	1.0	95.6
1073	ROY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	0.0	138.7	0.0	1.0	1.0	95.6
1074	G50B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	45.5	83.9	45.5	1.0	1.0	45.4
1075	Y06B_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	-25.2	238.4	-25.2	1.0	1.0	56.8
1076	B06B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	95.1	95.1	95.1	1.0	1.0	95.4
1077	P06B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	29.8	29.8	29.8	1.0	1.0	29.5
1078	B50B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	48.7	48.7	48.7	1.0	1.0	50.0
1079	B50B_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	79.3	79.3	79.3	1.0	1.0	79.3

Mean color difference of this page:

delta E** = 5.8