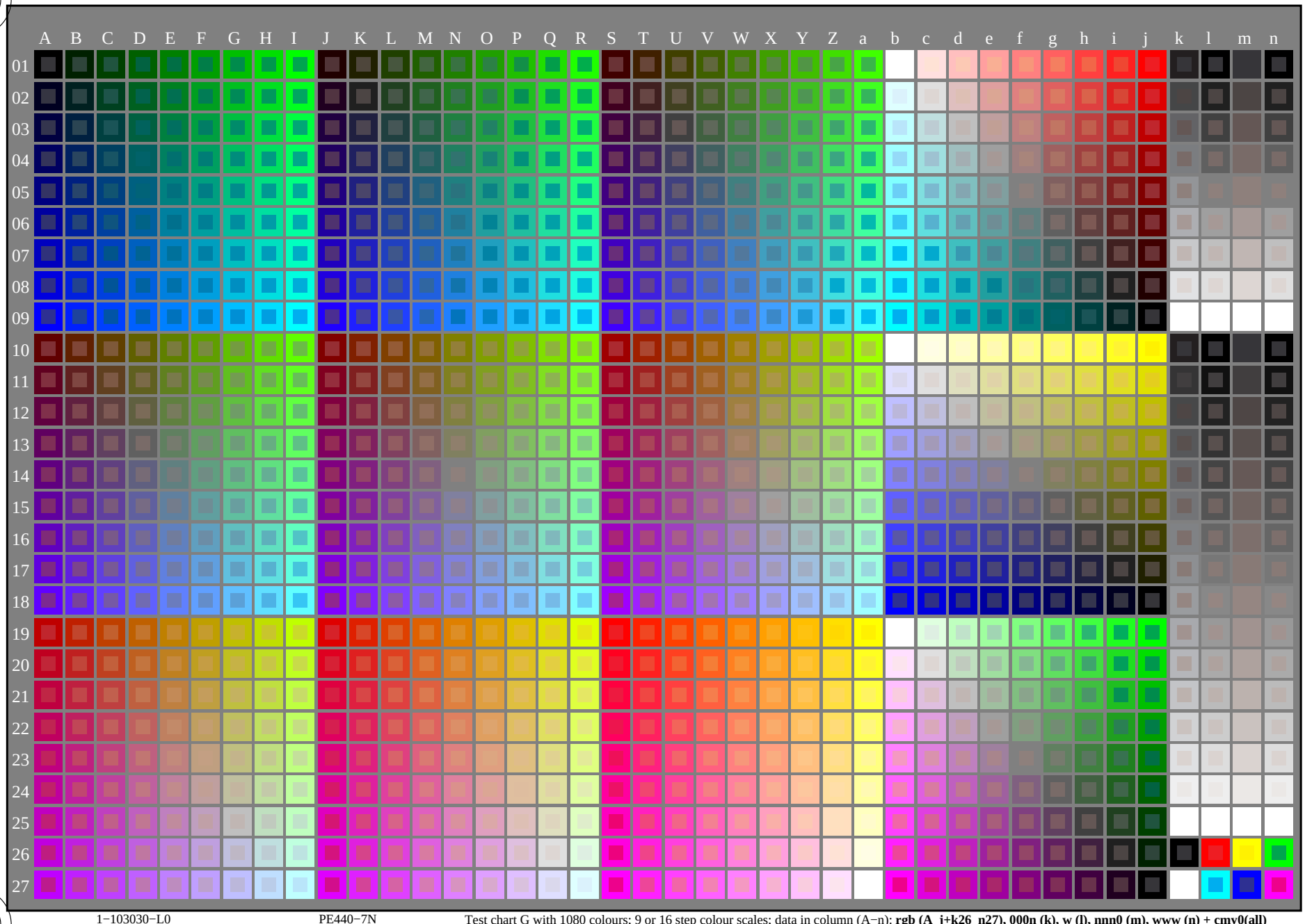
http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; start output
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 1/22



see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS
application for measurement of offset print output

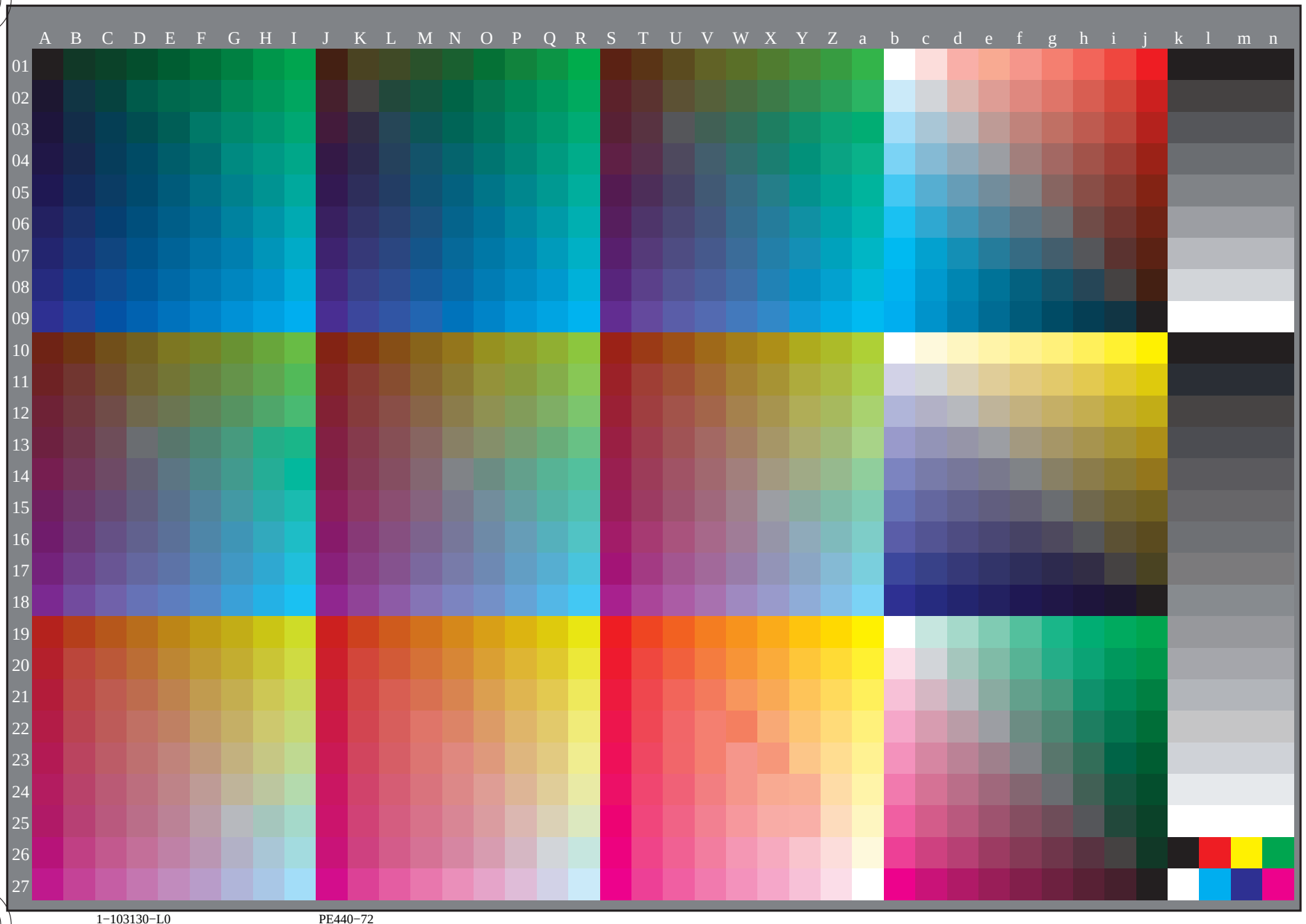
TUB material: code=rha4ta

1−103030−L0 PE440−7N Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A_j+k26_n27), 000n (k), w (l), nnn0 (m), www (n) + cmy0(all)**

TUB-test chart PE44; standard test chart
1080 standard colours; image technology

input: *rgb/cmyk −> rgb/cmyk*
output: no change

PE44 10L



1−103130−L0 PE440−72

1−103130−F0

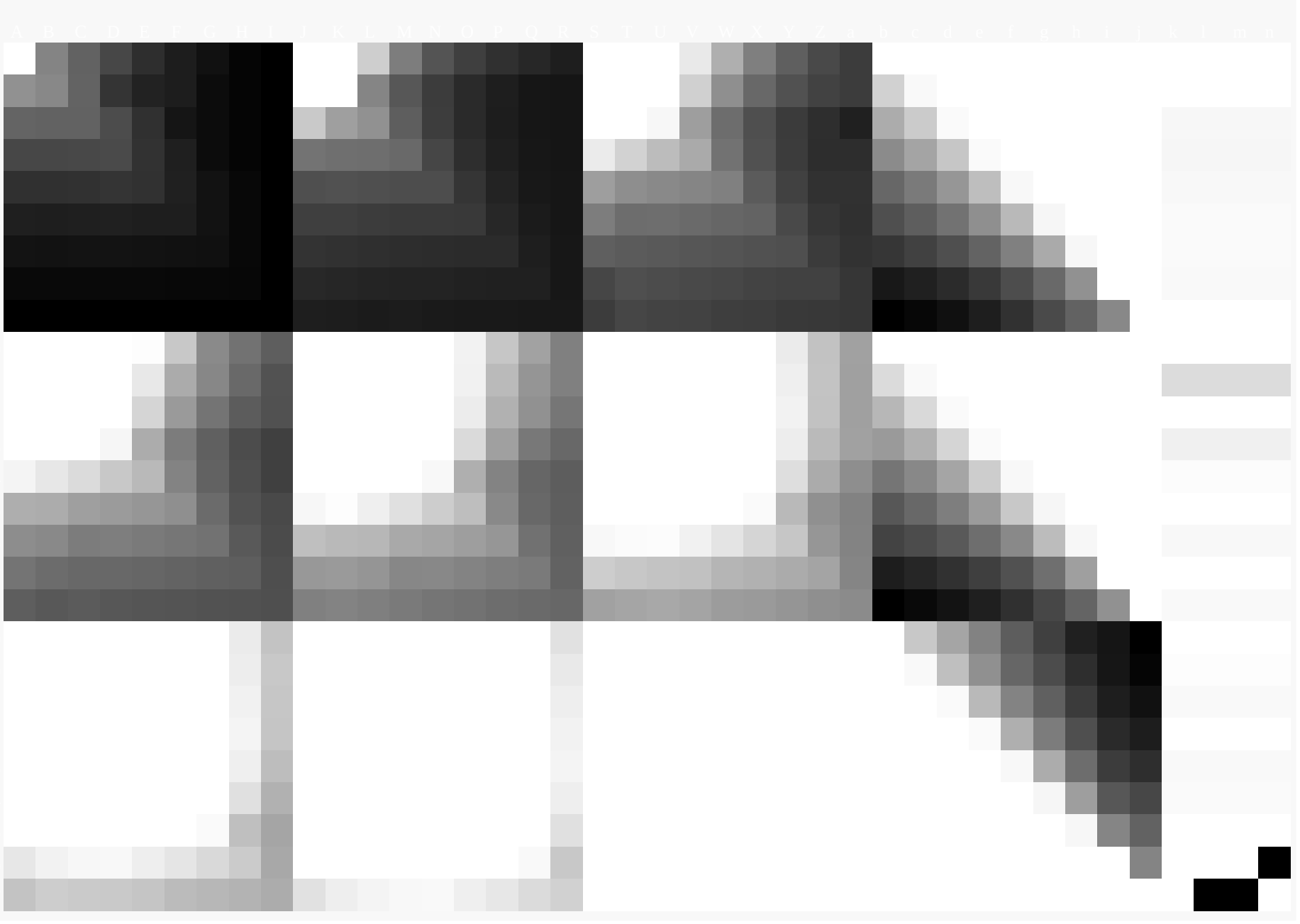
TUB-test chart PE44; standard test chart
1080 standard colours, 3D=1, de=0, *cmyk**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS
application for measurement of offset print output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

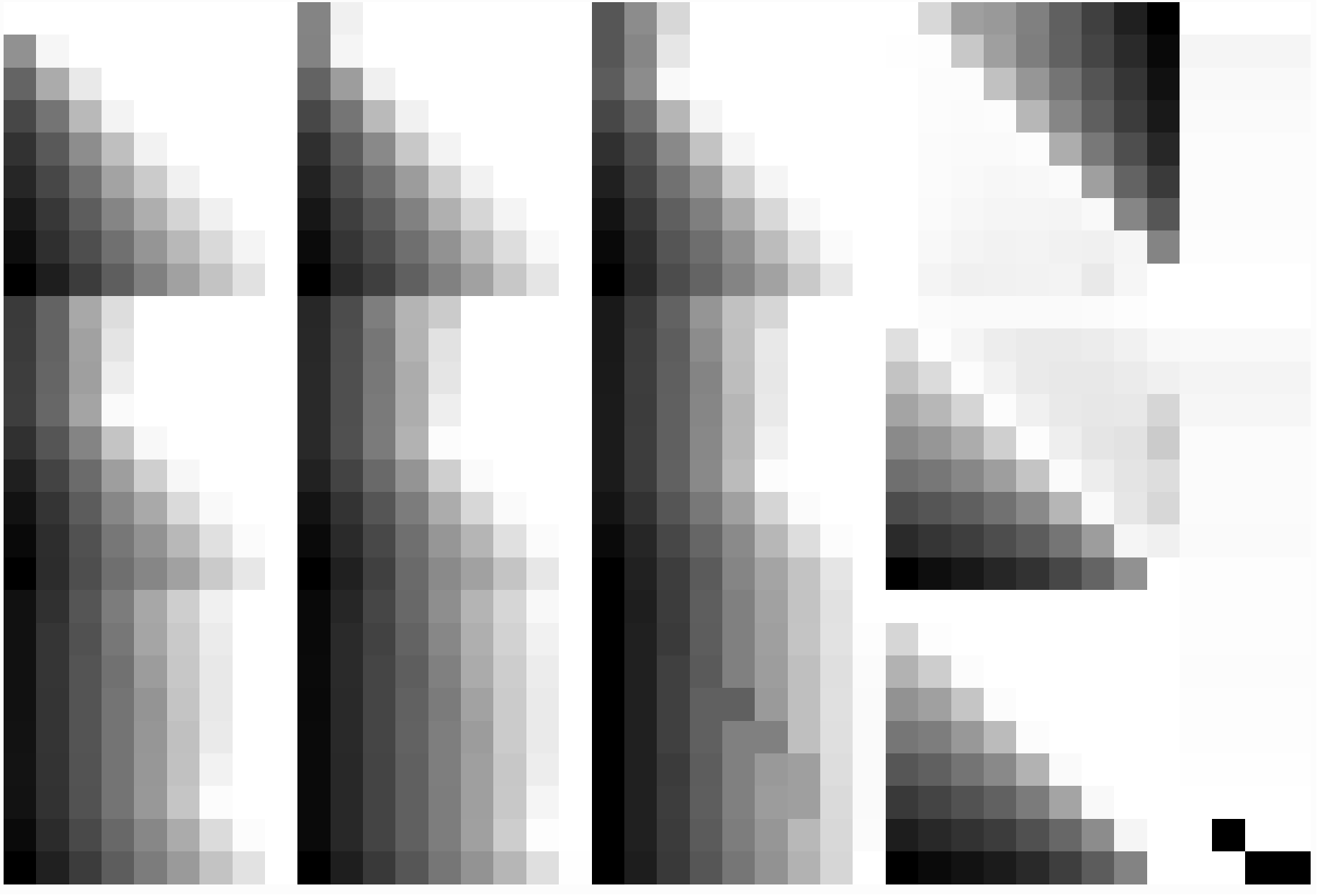


1−103230−L0 PE440−72

TUB-test chart PE44; standard test chart
1080 standard colours, 3D=1, de=0, *cmyk**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

1−103230−F0

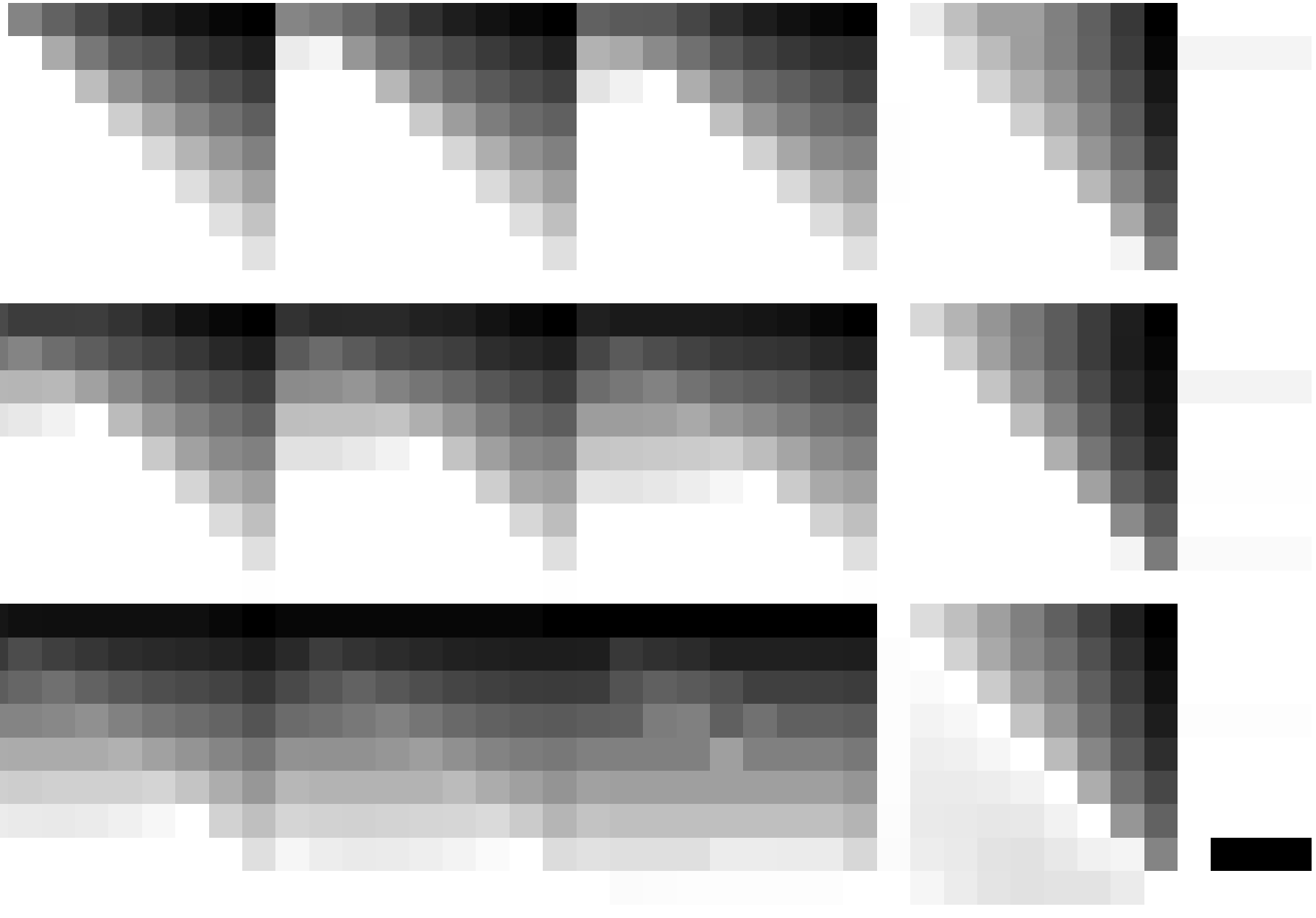


1−103330−L0 PE440−72

TUB-test chart PE44; standard test chart
1080 standard colours, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

1−103330−F0



TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS
application for measurement of offset print output, separation cmyn6* (CMYK)

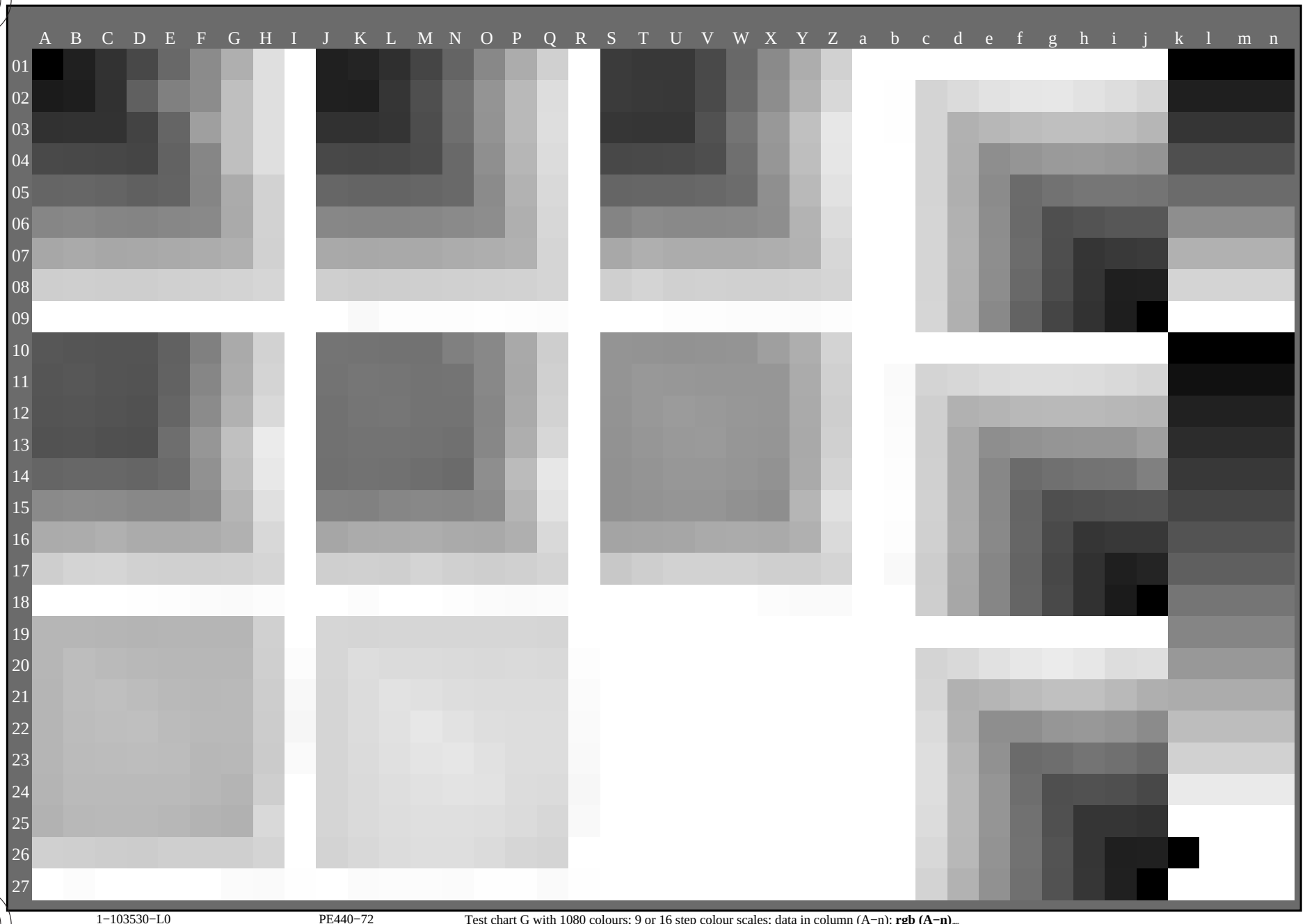
TUB material: code=rha4ta

1−103430−L0 PE440−72

TUB-test chart PE44; standard test chart
1080 standard colours, 3D=1, de=0, *cmyk**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

1−103430−F0



1−103530−L0 PE440−72 Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A−n): **rgb (A−n)**

TUB-test chart PE44; standard test chart
1080 standard colours, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9	0.0	0.882	1.0	0.0	36	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4	0.0	0.631	1.0	0.0	51	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	0.498	0.999	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2	0.0	0.368	1.0	0.0	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8	0.0	0.117	1.0	0.0	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	0.0	0.999	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1	0.117	0.0	1.0	0.0	96	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9	0.368	0.0	1.0	0.0	111	0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.498	0.0	0.999	0.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2	0.632	0.0	1.0	0.0	128	0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2	0.766	0.0	1.0	0.0	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5	0.882	0.0	1.0	0.0	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3	1.0	0.0	0.882	0.0	156	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0	1.0	0.0	0.765	0.0	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4	1.0	0.0	0.631	0.0	171	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7	1.0	0.0	0.367	0.0	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6	1.0	0.0	0.233	0.0	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9	1.0	0.0	0.116	0.0	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0	0.999	0.117	0.0	0.0	216	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1	0.999	0.235	0.0	0.0	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1	0.999	0.367	0.0	0.0	231	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3	1.0	0.631	0.0	0.0	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8	1.0	0.765	0.0	0.0	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7	1.0	0.882	0.0	0.0	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0	0.882	1.0	0.0	0.0	276	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9	0.765	1.0	0.0	0.0	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8	0.631	1.0	0.0	0.0	291	0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	1.0	0.0	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1	0.367	1.0	0.0	0.0	308	0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4	0.117	1.0	0.0	0.0	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3	0.0	0.999	0.117	0.0	336	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8	0.0	1.0	0.234	0.0	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5	0.0	1.0	0.368	0.0	351	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6	0.0	1.0	0.631	0.0	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5	0.0	1.0	0.765	0.0	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9	0.0	1.0	0.882	0.0	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

1−103630−F0

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	0.498	0.999	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	0.0	0.999	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3	0.498	0.0	0.999	0.0	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2	0.766	0.0	1.0	0.0	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9	0.5	1.0	0.0	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	0.0	0.5	0.375	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.3	11.3	33.8	35.6	71.4	0.0	0.251	0.498	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1	0.0	0.021	0.53	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.1	−15.6	33.0	36.5	115.3	0.258	0.0	0.536	0.018	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7	0.634	0.0	0.498	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1	0.597	0.0	0.004	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4	0.54	0.457	0.0	0.008	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	0.0	0.538	0.009	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	0.0	0.5	0.375	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.0	0.672	0.561	0.252	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	61.9	11.3	33.8	35.6	71.4	0.0	0.389	0.66	0.274	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1	0.0	0.089	0.714	0.276	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	64.6	−15.6	33.0	36.5	115.3	0.303	0.0	0.66	0.332	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7	0.768	0.0	0.632	0.248	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1	0.689	0.03	0.0	0.302	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4	0.65	0.626	0.0	0.324	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.0	0.678	0.084	0.274	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.0	0.672	0.561	0.252	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.0	0.845	0.803	0.544	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	42.4	11.3	33.8	35.6	71.4	0.0	0.504	0.84	0.554	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1	0.0	0.204	0.868	0.498	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.2	−15.6	33.0	36.5	115.3	0.314	0.0	0.818	0.592	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	−34.4	14.0	37.1	157.7	0.818	0.0	0.818	0.591	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	−14.6	−21.8	26.3	236.1	0.807	0.052	0.0	0.61	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	−23.6	26.4	296.4	0.812	0.802	0.0	0.601	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3	0.0	0.837	0.118	0.559	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.0	0.845	0.803	0.544	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

1−103730−F0

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 9/22

n=j	HIC*$_{Fdd}$	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			*h*$_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0	0_{dd}	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1	1_{dd}	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.6	2.9	−5.9	6.6	296.4	0.431	0.429	0.0	0.896	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
2	2_{dd}	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	19.6	5.8	−11.8	13.2	296.4	0.608	0.608	0.0	0.808	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
3	3_{dd}	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.5	8.8	−17.7	19.8	296.4	0.723	0.723	0.0	0.714	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
4	4_{dd}	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	−23.6	26.4	296.4	0.812	0.802	0.0	0.601	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
5	5_{dd}	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.4	14.6	−29.5	33.0	296.4	0.878	0.849	0.0	0.474	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
6	6_{dd}	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.4	17.6	−35.5	39.6	296.4	0.925	0.904	0.0	0.344	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
7	7_{dd}	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.3	20.5	−41.4	46.2	296.4	0.964	0.945	0.0	0.193	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
8	8_{dd}	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
9	9_{dd}	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.9	−8.6	3.5	9.2	157.7	0.483	0.0	0.483	0.875	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
10	10_{dd}	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	22.7	−3.6	−5.4	6.5	236.1	0.466	0.035	0.0	0.882	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
11	11_{dd}	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	23.9	−1.5	−11.2	11.3	262.3	0.613	0.329	0.0	0.805	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
12	12_{dd}	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	24.4	1.9	−17.2	17.3	276.3	0.722	0.545	0.0	0.715	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
13	13_{dd}	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	25.2	5.2	−23.1	23.7	282.8	0.813	0.65	0.0	0.6	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
14	14_{dd}	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	25.9	8.5	−29.1	30.4	286.2	0.881	0.721	0.0	0.467	260	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
15	15_{dd}	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	26.5	11.8	−35.1	37.1	288.6	0.928	0.785	0.0	0.334	262	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288.6
16	16_{dd}	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	27.5	14.7	−41.0	43.6	289.7	0.966	0.816	0.0	0.187	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.9	289.7
17	17_{dd}	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7	1.0	0.882	0.0	0.0	263	0.0	0.116	1.0	28.3	17.8	−47.0	50.3	290.7
18	18_{dd}	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.2	−17.2	7.0	18.5	157.7	0.614	0.0	0.614	0.804	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
19	19_{dd}	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	26.9	−12.7	−3.0	13.1	193.5	0.61	0.0	0.335	0.806	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
20	20_{dd}	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	27.8	−7.3	−10.9	13.1	236.1	0.614	0.085	0.0	0.804	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
21	21_{dd}	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	29.6	−6.2	−16.6	17.7	249.4	0.718	0.273	0.0	0.719	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
22	22_{dd}	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	30.2	−3.0	−22.5	22.7	262.3	0.807	0.448	0.0	0.609	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
23	23_{dd}	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	30.5	0.5	−28.4	28.4	271.0	0.876	0.559	0.0	0.479	247	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
24	24_{dd}	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	31.2	3.8	−34.4	34.6	276.3	0.925	0.634	0.0	0.345	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
25	25_{dd}	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	31.9	7.3	−40.2	40.9	280.3	0.964	0.693	0.0	0.194	255	0.0	0.266	1.0	33.9	8.3	−46.0	46.7	280.3
26	26_{dd}	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8	1.0	0.765	0.0	0.0	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
27	27_{dd}	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.5	−25.8	10.5	27.8	157.7	0.72	0.0	0.72	0.717	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
28	28_{dd}	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.2	−22.3	1.4	22.3	176.3	0.797	0.0	0.531	0.625	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
29	29_{dd}	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	32.1	−15.9	−9.8	18.7	211.7	0.701	0.0	0.257	0.736	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
30	30_{dd}	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.9	−10.9	−16.4	19.7	236.1	0.707	0.048	0.0	0.73	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
31	31_{dd}	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	34.9	−10.2	−22.0	24.3	245.1	0.798	0.25	0.0	0.623	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
32	32_{dd}	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	36.2	−8.3	−27.8	29.0	253.2	0.875	0.359	0.0	0.482	232	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
33	33_{dd}	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	36.5	−4.5	−33.7	34.0	262.3	0.926	0.48	0.0	0.343	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
34	34_{dd}	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	36.8	−0.9	−39.7	39.7	268.5	0.965	0.561	0.0	0.191	245	0.0	0.416	1.0	39.5	−1.1	−45.4	45.4	268.5
35	35_{dd}	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3	1.0	0.631	0.0	0.0	248	0.0	0.366	1.0	37.6	1.8	−45.5	45.5	272.3
36	36_{dd}	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	−34.4	14.0	37.1	157.7	0.818	0.0	0.818	0.591	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
37	37_{dd}	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	35.4	−31.3	5.5	31.8	170.0	0.867	0.0	0.65	0.5	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
38	38_{dd}	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.2	−25.5	−6.1	26.2	193.5	0.811	0.0	0.44	0.602	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
39	39_{dd}	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.2	−19.2	−15.8	24.9	219.6	0.802	0.0	0.191	0.616	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
40	40_{dd}	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	−14.6	−21.8	26.3	236.1	0.807	0.052	0.0	0.61	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
41	41_{dd}	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	40.1	−14.0	−27.5	30.9	242.9	0.88	0.201	0.0	0.47	219	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
42	42_{dd}	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	41.6	−12.4	−33.2	35.5	249.4	0.929	0.315	0.0	0.332	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
43	43_{dd}	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	42.5	−9.8	−39.1	40.4	255.8	0.966	0.414	0.0	0.185	234	0.0	0.583	1.0	46.1	−11.3	−44.7	46.1	255.8
44	44_{dd}	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3	0.999	0.498	0.0	0.0	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
45	45_{dd}	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.1	−43.0	17.5	46.4	157.7	0.887	0.0	0.885	0.453	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
46	46_{dd}	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	39.7	−40.3	9.2	41.3	167.1	0.888	0.0	0.684	0.452	159	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
47	47_{dd}	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	40.4	−35.4	−1.1	35.4	181.9	0.916	0.0	0.549	0.375	172	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
48	48_{dd}	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.4	−28.4	−13.3	31.4	205.1	0.879	0.0	0.35	0.472	187	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
49	49_{dd}	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	42.3	−22.9	−21.4	31.4	223.1	0.876	0.0	0.153	0.48	200	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
50	50_{dd}	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	−18.3	−27.3	32.9	236.1	0.884	0.054	0.0	0.462	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
51	51_{dd}	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	45.3	−17.9	−33.0	37.5	241.4	0.931	0.17	0.0	0.324	217	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241.4
52	52_{dd}	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.0	−16.6	−38.7	42.1	246.7	0.967	0.278	0.0	0.18	224	0.0	0.733	1.0	51.2	−18.9	−44.2	48.1	246.7
53	53_{dd}	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1	0.999	0.367	0.0	0.0	231	0.0	0.633	1.0	48.0	−14.3	−44.4	46.6	252.1
54	54_{dd}	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	−51.6	21.0	55.7	157.7	0.934	0.0	0.931	0.313	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
55	55_{dd}	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	43.9	−49.2	13.0	50.9	165.1	0.951	0.0	0.793	0.25	157	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165.1
56	56_{dd}	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	44.7	−44.6	2.8	44.7	176.3	0.951	0.0	0.634	0.25	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
57	57_{dd}	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	45.5	−38.3	−9.2	39.4	193.5	0.951	0.0	0.475	0.25	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
58	58_{dd}	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	46.6	−31.8	−19.7	37.4	211.7	0.93	0.0	0.293	0.329	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
59	59_{dd}	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	47.4	−26.5	−27.0	37.8	225.5	0.929	0.0	0.129	0.332	202	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225.5
60	60_{dd}	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.1	−21.9	−32.8	39.4	236.1	0.935	0.057	0.0	0.31	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
61	61_{dd}	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	50.3	−21.5	−38.4	44.1	240.7	0.968	0.148	0.0	0.174	217	0.0	0.866	1.0	55.0	−24.6	−43.9	50.4	240.7
62	62_{dd}	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1	0.999	0.235	0.0	0.0	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
63	63_{dd}	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.6	−60.2	24.6	65.0	157.7	0.978	0.0	0.974	0.125	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
64	64_{dd}	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	48.2	−57.8	16.3	60.1	164.2	0.978	0.0	0.838	0.125	157	0.0	1.0	0.133	52.6	−66.1	18.6	68.7	164.2
65	65_{dd}	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	48.9	−53.7	7.2	54.2	172.3	0.978	0.0	0.699	0.125	164	0.0	1.0	0.266	53.4	−61.4	8.2	61.9	172.3
66	66_{dd}	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	49.7	−48.3	−4.4	48.5	185.2	0.978	0.0	0.559	0.125	174	0.0	1.0	0.416	54.3	−55.2	−5.0	55.5	185.2
67	67_{dd}	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	50.7	−41.4	−16.5	44.6	201.8	0.968	0.0	0.409	0.177	185	0.0	1.0	0.583	55.5	−47.3	−18.9	50.9	201.8
68	68_{dd}	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	51.7	−34.9	−26.0	43.5	216.7	0.968	0.0	0.252	0.178	195	0.0	1.0	0.733	56.6	−39.9	−29.8	49.8	216.7
69	69_{dd}	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	52.5	−30.3	−32.2	44.2	226.7	0.967	0.0	0.121	0.179	202	0.0	1.0	0.866	57.5	−34.6	−36.8	50.6	226.7
70	70_{dd}	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	53.2	−25.6	−38.2	46.0	236.1	0.971	0.042	0.0	0.161	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
71	71_{dd}	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0	0.999	0.117	0.0	0.0	216	0.0	0.883	1.0	55.4	−25.2	−43.9	50.7	240.0
72	72_{dd}	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
73	73_{dd}	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3	1.0	0.0	0.882	0.0	156	0.0	1.0	0.116	52.5	−66.6	19.9	69.5	163.3
74	74_{dd}	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0	1.0	0.0	0.765	0.0	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
75	75_{dd}	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4	1.0	0.0	0.631	0.0	171	0.0	1.0	0.366	54.0	−57.3	−0.4	57.3	180.4
76	76_{dd}	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5	1.0	0.0	0.498	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
77	77_{dd}	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7	1.0	0.0	0.367	0.0	188	0.0	1.0	0.633	55.8	−44.7	−22.5	50.1	206.7
78	78_{dd}	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6	1.0	0.0	0.233	0.0	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
79	79_{dd}	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9	1.0	0.0	0.116	0.0	203	0.0	1.0	0.883	57.6	−34.0	−37.7	50.8	227.9
80	80_{dd}	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

Mean color difference of this page: **delta**

1−103830−F0

PE440−7N, Page 9/22−F

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS
TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6* (CMYK)

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 10/22

n	HIC*$_{Fdd}$	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			*h*$_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
81	81_{dd}	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	21.4	7.9	5.1	9.5	32.8	0.0	0.484	0.476	0.874	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
82	82_{dd}	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	21.5	9.1	−1.0	9.1	353.3	0.0	0.484	0.079	0.874	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
83	83_{dd}	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	22.7	13.4	−6.5	14.9	333.9	0.212	0.609	0.0	0.807	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
84	84_{dd}	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	23.3	15.9	−13.2	20.7	320.2	0.549	0.721	0.0	0.716	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
85	85_{dd}	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	24.4	17.8	−19.8	26.6	311.9	0.689	0.814	0.0	0.599	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
86	86_{dd}	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	25.6	21.2	−25.6	33.2	309.5	0.752	0.868	0.0	0.47	279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
87	87_{dd}	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	26.7	24.5	−31.4	39.9	307.9	0.8	0.915	0.0	0.338	278	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
88	88_{dd}	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	28.0	28.1	−37.0	46.5	307.1	0.842	0.955	0.0	0.189	277	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307.1
89	89_{dd}	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0	0.882	1.0	0.0	0.0	276	0.116	0.0	1.0	29.0	31.2	−42.9	53.1	306.0
90	90_{dd}	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	26.5	−1.4	11.8	11.9	97.1	0.0	0.057	0.518	0.858	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
91	91_{dd}	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
92	92_{dd}	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.3	2.9	−5.9	6.6	296.4	0.377	0.382	0.0	0.807	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
93	93_{dd}	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.3	5.8	−11.8	13.2	296.4	0.565	0.542	0.0	0.722	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
94	94_{dd}	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.2	8.8	−17.7	19.8	296.4	0.684	0.638	0.0	0.608	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
95	95_{dd}	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.2	11.7	−23.6	26.4	296.4	0.752	0.697	0.0	0.475	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
96	96_{dd}	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.1	14.6	−29.5	33.0	296.4	0.807	0.756	0.0	0.34	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
97	97_{dd}	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.6	−35.5	39.6	296.4	0.851	0.793	0.0	0.196	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
98	98_{dd}	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	34.1	20.5	−41.4	46.2	296.4	0.887	0.837	0.0	0.022	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
99	99_{dd}	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	31.4	−7.8	16.5	18.2	115.3	0.191	0.0	0.597	0.815	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
100	100_{dd}	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.7	−8.6	3.5	9.2	157.7	0.476	0.0	0.412	0.793	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
101	101_{dd}	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	32.5	−3.6	−5.4	6.5	236.1	0.433	0.057	0.0	0.797	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
102	102_{dd}	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−1.5	−11.2	11.3	262.3	0.568	0.272	0.0	0.718	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
103	103_{dd}	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	34.2	1.9	−17.2	17.3	276.3	0.691	0.464	0.0	0.607	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
104	104_{dd}	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	34.9	5.2	−23.1	23.7	282.8	0.763	0.569	0.0	0.473	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
105	105_{dd}	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	35.6	8.5	−29.1	30.4	286.2	0.816	0.644	0.0	0.338	260	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
106	106_{dd}	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	36.3	11.8	−35.1	37.1	288.6	0.857	0.695	0.0	0.193	262	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288.6
107	107_{dd}	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	37.2	14.7	−41.0	43.6	289.7	0.892	0.75	0.0	0.008	262	0.0	0.133	1.0	28.9	16.8	−46.9	49.9	289.7
108	108_{dd}	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	35.5	−15.8	20.1	25.6	128.2	0.51	0.0	0.709	0.728	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
109	109_{dd}	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	35.9	−17.2	7.0	18.5	157.7	0.658	0.0	0.559	0.692	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
110	110_{dd}	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.7	−12.7	−3.0	13.1	193.5	0.63	0.0	0.282	0.7	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
111	111_{dd}	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.5	−7.3	−10.9	13.1	236.1	0.588	0.055	0.0	0.703	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
112	112_{dd}	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.4	−6.2	−16.6	17.7	249.4	0.697	0.217	0.0	0.6	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
113	113_{dd}	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	39.9	−3.0	−22.5	22.7	262.3	0.771	0.387	0.0	0.469	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
114	114_{dd}	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	40.2	0.5	−28.4	28.4	271.0	0.822	0.494	0.0	0.337	247	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
115	115_{dd}	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	40.9	3.8	−34.4	34.6	276.3	0.861	0.565	0.0	0.189	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
116	116_{dd}	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	41.6	7.3	−40.2	40.9	280.3	0.891	0.624	0.0	0.007	255	0.0	0.266	1.0	33.9	8.3	−46.0	46.7	280.3
117	117_{dd}	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	39.0	−24.4	23.3	33.8	136.2	0.669	0.0	0.808	0.608	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
118	118_{dd}	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.2	−25.8	10.5	27.8	157.7	0.764	0.0	0.649	0.56	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
119	119_{dd}	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	40.9	−22.3	1.4	22.3	176.3	0.76	0.0	0.477	0.565	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
120	120_{dd}	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.8	−15.9	−9.8	18.7	211.7	0.726	0.0	0.207	0.587	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
121	121_{dd}	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	42.6	−10.9	−16.4	19.7	236.1	0.699	0.048	0.0	0.587	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
122	122_{dd}	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.6	−10.2	−22.0	24.3	245.1	0.772	0.187	0.0	0.459	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
123	123_{dd}	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	46.0	−8.3	−27.8	29.0	253.2	0.825	0.307	0.0	0.327	232	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
124	124_{dd}	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	46.2	−4.5	−33.7	34.0	262.3	0.864	0.426	0.0	0.183	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
125	125_{dd}	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	46.5	−0.9	−39.7	39.7	268.5	0.896	0.494	0.0	0.008	245	0.0	0.416	1.0	39.5	−1.1	−45.4	45.4	268.5
126	126_{dd}	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	43.5	−32.3	27.0	42.1	140.1	0.754	0.0	0.882	0.465	140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
127	127_{dd}	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.5	−34.4	14.0	37.1	157.7	0.836	0.0	0.715	0.421	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
128	128_{dd}	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	45.1	−31.3	5.5	31.8	170.0	0.835	0.0	0.583	0.424	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
129	129_{dd}	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.0	−25.5	−6.1	26.2	193.5	0.821	0.0	0.384	0.44	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
130	130_{dd}	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.0	−19.2	−15.8	24.9	219.6	0.792	0.0	0.162	0.455	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
131	131_{dd}	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.7	−14.6	−21.8	26.3	236.1	0.776	0.049	0.0	0.446	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
132	132_{dd}	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.8	−14.0	−27.5	30.9	242.9	0.829	0.161	0.0	0.317	219	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
133	133_{dd}	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	51.3	−12.4	−33.2	35.5	249.4	0.871	0.272	0.0	0.18	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
134	134_{dd}	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	52.2	−9.8	−39.1	40.4	255.8	0.902	0.366	0.0	0.004	234	0.0	0.583	1.0	46.1	−11.3	−44.7	46.1	255.8
135	135_{dd}	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	48.0	−40.2	30.6	50.5	142.7	0.811	0.0	0.931	0.326	142	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
136	136_{dd}	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.8	−43.0	17.5	46.4	157.7	0.883	0.0	0.77	0.273	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
137	137_{dd}	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	49.4	−40.3	9.2	41.3	167.1	0.885	0.0	0.65	0.273	159	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
138	138_{dd}	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	50.2	−35.4	−1.1	35.4	181.9	0.879	0.0	0.507	0.286	172	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
139	139_{dd}	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.2	−28.4	−13.3	31.4	205.1	0.863	0.0	0.316	0.302	187	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
140	140_{dd}	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	52.1	−22.9	−21.4	31.4	223.1	0.845	0.0	0.144	0.312	200	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
141	141_{dd}	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−18.3	−27.3	32.9	236.1	0.833	0.041	0.0	0.305	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
142	142_{dd}	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	55.0	−17.9	−33.0	37.5	241.4	0.874	0.131	0.0	0.176	217	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241.4
143	143_{dd}	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	56.7	−16.6	−38.7	42.1	246.7	0.903	0.22	0.0	0.008	224	0.0	0.733	1.0	51.2	−18.9	−44.2	48.1	246.7
144	144_{dd}	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	52.6	−47.7	34.6	58.9	144.0	0.847	0.0	0.967	0.182	142	0.133	1.0	0.0	57.6	−54.5	39.5	67.3	144.0
145	145_{dd}	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−51.6	21.0	55.7	157.7	0.913	0.0	0.824	0.132	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
146	146_{dd}	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	53.6	−49.2	13.0	50.9	165.1	0.913	0.0	0.704	0.131	157	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165.1
147	147_{dd}	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	54.4	−44.6	2.8	44.7	176.3	0.91	0.0	0.583	0.138	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
148	148_{dd}	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	55.2	−38.3	−9.2	39.4	193.5	0.904	0.0	0.434	0.149	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
149	149_{dd}	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	56.3	−31.8	−19.7	37.4	211.7	0.895	0.0	0.277	0.156	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
150	150_{dd}	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	57.2	−26.5	−27.0	37.8	225.5	0.884	0.0	0.13	0.166	202	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225.5
151	151_{dd}	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.9	−21.9	−32.8	39.4	236.1	0.874	0.027	0.0	0.165	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
152	152_{dd}	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	60.0	−21.5	−38.4	44.1	240.7	0.903	0.102	0.0	0.009	217	0.0	0.866	1.0	55.0	−24.6	−43.9	50.4	240.7
153	153_{dd}	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5	0.882	0.0	1.0	0.0	143	0.116	1.0	0.0	57.0	−55.9	38.3	67.8	145.5
154	154_{dd}	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.3	−60.2	24.6	65.0	157.7	0.919	0.0	0.874	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
155	155_{dd}	0.125	1.0	0.25	1.0	0.875	0.562	158	0.125	1.0	0.241	57.9	−57.8	16.3	60.1	164.2	0.918	0.0	0.749	0.0	157	0.0	1.0	0.133	52.6	−66.1	18.6	68.7	164.2
156	156_{dd}	0.125	1.0	0.375	1.0	0.875	0.562	166	0.125	1.0	0.358	58.6	−53.7	7.2	54.2	172.3	0.919	0.0	0.623	0.0	164	0.0	1.0	0.266	53.4	−61.4	8.2	61.9	172.3
157	157_{dd}	0.125	1.0	0.5	1.0	0.875	0.562	175	0.125	1.0	0.489	59.4	−48.3	−4.4	48.5	185.2	0.915	0.0	0.498	0.0	174	0.0	1.0	0.416	54.3	−55.2	−5.0	55.5	185.2
158	158_{dd}	0.125	1.0	0.625	1.0	0.875	0.562	185	0.125	1.0	0.635	60.5	−41.4	−16.5	44.6	201.8	0.913	0.0	0.376	0.0	185	0.0	1.0	0.583	55.5	−47.3	−18.9	50.9	201.8
159	159_{dd}	0.125	1.0	0.75	1.0	0.875	0.562	194	0.125	1.0	0.766	61.4	−34.9	−26.0	43.5	216.7	0.91	0.0	0.25	0.0	195	0.0	1.0	0.733	56.6	−39.9	−29.8	49.8	216.7
160	160_{dd}	0.125	1.0	0.875	1.0	0.875	0.562	202	0.125	1.0	0.883	62.2	−30.3	−32.2	44.2	226.7	0.908	0.0	0.125	0.0	202	0.0	1.0	0.866	57.5	−34.6	−36.8	50.6	226.7
161	161_{dd}	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.9	−25.6	−38.2	46.0	236.1	0.906	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

Mean color difference of this page: **delta**

1−103930−F0

PE440−7N, Page 10/22−F

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 11/22

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6* (CMYK)

n	HIC*$_{Fdd}$	$rgb\_{}_{Fdd}$			$ict\_{}_{Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
162	162$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.1	15.9	10.3	19.0	32.8	0.0	0.662	0.617	0.769	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
163	163$_{dd}$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	25.2	16.9	3.5	17.2	11.6	0.0	0.662	0.302	0.769	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
164	164$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.3	18.2	−2.1	18.3	353.3	0.0	0.637	0.108	0.788	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
165	165$_{dd}$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	26.8	23.3	−7.0	24.3	343.1	0.079	0.72	0.0	0.717	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
166	166$_{dd}$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	27.7	26.9	−13.1	29.9	333.9	0.378	0.81	0.0	0.604	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
167	167$_{dd}$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	27.9	30.0	−19.3	35.7	327.2	0.51	0.874	0.0	0.484	292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
168	168$_{dd}$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	29.0	31.8	−26.5	41.4	320.2	0.626	0.926	0.0	0.341	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
169	169$_{dd}$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	30.1	33.1	−33.5	47.1	314.6	0.723	0.963	0.0	0.188	284	0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314.6
170	170$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9	0.765	1.0	0.0	0.0	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
171	171$_{dd}$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	30.0	5.6	16.9	17.8	71.4	0.0	0.451	0.649	0.779	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
172	172$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.1	7.9	5.1	9.5	32.8	0.0	0.474	0.336	0.774	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
173	173$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.2	9.1	−1.0	9.1	353.3	0.0	0.449	0.052	0.791	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
174	174$_{dd}$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	32.4	13.4	−6.5	14.9	333.9	0.176	0.577	0.0	0.713	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
175	175$_{dd}$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	33.0	15.9	−13.2	20.7	320.2	0.441	0.682	0.0	0.599	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
176	176$_{dd}$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	34.2	17.8	−19.8	26.6	311.9	0.574	0.728	0.0	0.455	282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
177	177$_{dd}$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	35.3	21.2	−25.6	33.2	309.5	0.642	0.784	0.0	0.312	279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
178	178$_{dd}$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	36.4	24.5	−31.4	39.9	307.9	0.689	0.821	0.0	0.169	278	0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
179	179$_{dd}$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	37.7	28.1	−37.0	46.5	307.1	0.724	0.841	0.0	0.0	277	0.133	0.0	1.0	29.4	32.1	−42.3	53.1	307.1
180	180$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.3	−2.9	23.7	23.9	97.1	0.0	0.155	0.65	0.778	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
181	181$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	36.2	−1.4	11.8	11.9	97.1	0.0	0.096	0.459	0.78	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
182	182$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
183	183$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.1	2.9	−5.9	6.6	296.4	0.261	0.285	0.0	0.711	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
184	184$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.0	5.8	−11.8	13.2	296.4	0.461	0.461	0.0	0.599	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
185	185$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.0	8.8	−17.7	19.8	296.4	0.569	0.557	0.0	0.461	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
186	186$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4	0.65	0.626	0.0	0.324	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
187	187$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	41.9	14.6	−29.5	33.0	296.4	0.701	0.668	0.0	0.182	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
188	188$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.6	−35.5	39.6	296.4	0.737	0.703	0.0	0.006	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
189	189$_{dd}$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	41.0	−8.5	29.8	31.0	106.0	0.087	0.0	0.723	0.714	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
190	190$_{dd}$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	41.2	−7.8	16.5	18.2	115.3	0.184	0.0	0.561	0.71	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
191	191$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.4	−8.6	3.5	9.2	157.7	0.38	0.0	0.321	0.684	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
192	192$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.2	−3.6	−5.4	6.5	236.1	0.334	0.044	0.0	0.692	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
193	193$_{dd}$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.4	−1.5	−11.2	11.3	262.3	0.478	0.235	0.0	0.593	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
194	194$_{dd}$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	43.9	1.9	−17.2	17.3	276.3	0.586	0.404	0.0	0.461	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
195	195$_{dd}$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	44.6	5.2	−23.1	23.7	282.8	0.66	0.5	0.0	0.326	257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
196	196$_{dd}$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	45.3	8.5	−29.1	30.4	286.2	0.713	0.568	0.0	0.181	260	0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
197	197$_{dd}$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	46.0	11.8	−35.1	37.1	288.6	0.741	0.607	0.0	0.005	262	0.0	0.15	1.0	29.5	15.8	−46.9	49.4	288.6
198	198$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	45.2	−15.6	33.0	36.5	115.3	0.314	0.0	0.818	0.592	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
199	199$_{dd}$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	45.2	−15.8	20.1	25.6	128.2	0.44	0.0	0.661	0.585	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
200	200$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	45.7	−17.2	7.0	18.5	157.7	0.573	0.0	0.475	0.545	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
201	201$_{dd}$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.4	−12.7	−3.0	13.1	193.5	0.55	0.0	0.248	0.564	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
202	202$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.3	−7.3	−10.9	13.1	236.1	0.5	0.041	0.0	0.577	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
203	203$_{dd}$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.1	−6.2	−16.6	17.7	249.4	0.598	0.18	0.0	0.456	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
204	204$_{dd}$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	49.6	−3.0	−22.5	22.7	262.3	0.672	0.328	0.0	0.324	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
205	205$_{dd}$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	50.0	0.5	−28.4	28.4	271.0	0.722	0.43	0.0	0.184	247	0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
206	206$_{dd}$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	50.7	3.8	−34.4	34.6	276.3	0.755	0.481	0.0	0.012	251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
207	207$_{dd}$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	49.8	−22.8	36.6	43.2	121.9	0.501	0.0	0.885	0.459	127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
208	208$_{dd}$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	48.7	−24.4	23.3	33.8	136.2	0.593	0.0	0.732	0.448	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
209	209$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	49.9	−25.8	10.5	27.8	157.7	0.688	0.0	0.571	0.403	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
210	210$_{dd}$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	50.6	−22.3	1.4	22.3	176.3	0.684	0.0	0.419	0.412	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
211	211$_{dd}$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.6	−15.9	−9.8	18.7	211.7	0.643	0.0	0.182	0.437	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
212	212$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.3	−10.9	−16.4	19.7	236.1	0.61	0.038	0.0	0.442	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
213	213$_{dd}$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.4	−10.2	−22.0	24.3	245.1	0.681	0.15	0.0	0.318	222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
214	214$_{dd}$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	55.7	−8.3	−27.8	29.0	253.2	0.738	0.261	0.0	0.183	232	0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
215	215$_{dd}$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	55.9	−4.5	−33.7	34.0	262.3	0.761	0.364	0.0	0.01	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
216	216$_{dd}$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	53.2	−31.7	40.2	51.2	128.2	0.625	0.0	0.933	0.319	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
217	217$_{dd}$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	53.2	−32.3	27.0	42.1	140.1	0.682	0.0	0.783	0.3	140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
218	218$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7	0.768	0.0	0.632	0.248	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
219	219$_{dd}$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	54.8	−31.3	5.5	31.8	170.0	0.765	0.0	0.516	0.255	162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
220	220$_{dd}$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	55.7	−25.5	−6.1	26.2	193.5	0.747	0.0	0.347	0.276	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
221	221$_{dd}$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	56.7	−19.2	−15.8	24.9	219.6	0.712	0.0	0.15	0.298	197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
222	222$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1	0.689	0.03	0.0	0.302	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
223	223$_{dd}$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.6	−14.0	−27.5	30.9	242.9	0.744	0.123	0.0	0.177	219	0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
224	224$_{dd}$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	61.1	−12.4	−33.2	35.5	249.4	0.776	0.21	0.0	0.013	228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
225	225$_{dd}$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	56.4	−40.6	43.1	59.3	133.2	0.715	0.0	0.967	0.18	135	0.266	1.0	0.0	61.9	−46.5	49.3	67.8	133.2
226	226$_{dd}$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.7	−40.2	30.6	50.5	142.7	0.741	0.0	0.821	0.154	142	0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
227	227$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.5	−43.0	17.5	46.4	157.7	0.82	0.0	0.688	0.093	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
228	228$_{dd}$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	59.1	−40.3	9.2	41.3	167.1	0.821	0.0	0.589	0.097	159	0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
229	229$_{dd}$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	59.9	−35.4	−1.1	35.4	181.9	0.807	0.0	0.461	0.114	172	0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
230	230$_{dd}$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	60.9	−28.4	−13.3	31.4	205.1	0.789	0.0	0.293	0.137	187	0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
231	231$_{dd}$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	61.8	−22.9	−21.4	31.4	223.1	0.767	0.0	0.138	0.154	200	0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
232	232$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−18.3	−27.3	32.9	236.1	0.746	0.018	0.0	0.165	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
233	233$_{dd}$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	64.7	−17.9	−33.0	37.5	241.4	0.779	0.092	0.0	0.009	217	0.0	0.85	1.0	54.5	−23.9	−44.0	50.1	241.4
234	234$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2	0.766	0.0	1.0	0.0	137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
235	235$_{dd}$	0.25	1.0	0.125	1.0	0.875	0.562	142	0.241	1.0	0.125	62.3	−47.7	34.6	58.9	144.0	0.766	0.0	0.836	0.0	142	0.133	1.0	0.0	57.6	−54.5	39.5	67.3	144.0
236	236$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−51.6	21.0	55.7	157.7	0.875	0.0	0.75	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
237	237$_{dd}$	0.25	1.0	0.375	1.0	0.75	0.625	159	0.25	1.0	0.362	63.4	−49.2	13.0	50.9	165.1	0.822	0.0	0.623	0.0	157	0.0	1.0	0.15	52.7	−65.6	17.3	67.9	165.1
238	238$_{dd}$	0.25	1.0	0.5	1.0	0.75	0.625	169	0.25	1.0	0.487	64.1	−44.6	2.8	44.7	176.3	0.806	0.0	0.498	0.0	168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
239	239$_{dd}$	0.25	1.0	0.625	1.0	0.75	0.625	180	0.25	1.0	0.625	65.0	−38.3	−9.2	39.4	193.5	0.812	0.0	0.376	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
240	240$_{dd}$	0.25	1.0	0.75	1.0	0.75	0.625	191	0.25	1.0	0.762	66.0	−31.8	−19.7	37.4	211.7	0.804	0.0	0.25	0.0	191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
241	241$_{dd}$	0.25	1.0	0.875	1.0	0.75	0.625	201	0.25	1.0	0.887	66.9	−26.5	−27.0	37.8	225.5	0.789	0.0	0.125	0.0	202	0.0	1.0	0.85	57.4	−35.3	−36.0	50.4	225.5
242	242$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.6	−21.9	−32.8	39.4	236.1	0.787	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

Mean color difference of this page: delta

1-1031030-F0

PE440−7N, Page 11/22−F

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

1-1031030-F0

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}
243	243$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390
244	244$_{dd}$	0.375	0.0	0.125	0.375	0.375	0.187	371
245	245$_{dd}$	0.375	0.0	0.25	0.375	0.375	0.187	349
246	246$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330
247	247$_{dd}$	0.375	0.0	0.5	0.5	0.5	0.25	316
248	248$_{dd}$	0.375	0.0	0.625	0.625	0.625	0.312	307
249	249$_{dd}$	0.375	0.0	0.75	0.75	0.75	0.375	300
250	250$_{dd}$	0.375	0.0	0.875	0.875	0.875	0.437	295
251	251$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292
252	252$_{dd}$	0.375	0.125	0.0	0.375	0.375	0.187	49
253	253$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390
254	254$_{dd}$	0.375	0.125	0.25	0.375	0.25	0.25	360
255	255$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330
256	256$_{dd}$	0.375	0.125	0.5	0.5	0.375	0.312	311
257	257$_{dd}$	0.375	0.125	0.625	0.625	0.5	0.375	300
258	258$_{dd}$	0.375	0.125	0.75	0.75	0.625	0.437	293
259	259$_{dd}$	0.375	0.125	0.875	0.875	0.75	0.5	289
260	260$_{dd}$	0.375	0.125	1.0	1.0	0.875	0.562	286
261	261$_{dd}$	0.375	0.25	0.0	0.375	0.375	0.187	71
262	262$_{dd}$	0.375	0.25	0.125	0.375	0.25	0.25	60
263	263$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390
264	264$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330
265	265$_{dd}$	0.375	0.25	0.5	0.5	0.25	0.375	300
266	266$_{dd}$	0.375	0.25	0.625	0.625	0.375	0.437	289
267	267$_{dd}$	0.375	0.25	0.75	0.75	0.5	0.5	284
268	268$_{dd}$	0.375	0.25	0.875	0.875	0.625	0.562	281
269	269$_{dd}$	0.375	0.25	1.0	1.0	0.75	0.625	279
270	270$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90
271	271$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90
272	272$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90
273	273$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360
274	274$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270
275	275$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270
276	276$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270
277	277$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270
278	278$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270
279	279$_{dd}$	0.375	0.5	0.0	0.5	0.5	0.25	104
280	280$_{dd}$	0.375	0.5	0.125	0.5	0.375	0.312	109
281	281$_{dd}$	0.375	0.5	0.25	0.5	0.25	0.375	120
282	282$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150
283	283$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210
284	284$_{dd}$	0.375	0.5	0.625	0.625	0.25	0.5	240
285	285$_{dd}$	0.375	0.5	0.75	0.75	0.375	0.562	251
286	286$_{dd}$	0.375	0.5	0.875	0.875	0.5	0.625	256
287	287$_{dd}$	0.375	0.5	1.0	1.0	0.625	0.687	259
288	288$_{dd}$	0.375	0.625	0.0	0.625	0.625	0.312	113
289	289$_{dd}$	0.375	0.625	0.125	0.625	0.5	0.375	120
290	290$_{dd}$	0.375	0.625	0.25	0.625	0.375	0.437	131
291	291$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150
292	292$_{dd}$	0.375	0.625	0.5	0.625	0.25	0.5	180
293	293$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210
294	294$_{dd}$	0.375	0.625	0.75	0.75	0.375	0.562	229
295	295$_{dd}$	0.375	0.625	0.875	0.875	0.5	0.625	240
296	296$_{dd}$	0.375	0.625	1.0	1.0	0.625	0.687	247
297	297$_{dd}$	0.375	0.75	0.0	0.75	0.75	0.375	120
298	298$_{dd}$	0.375	0.75	0.125	0.75	0.625	0.437	127
299	299$_{dd}$	0.375	0.75	0.25	0.75	0.5	0.5	136
300	300$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150
301	301$_{dd}$	0.375	0.75	0.5	0.75	0.375	0.562	169
302	302$_{dd}$	0.375	0.75	0.625	0.75	0.375	0.562	191
303	303$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210
304	304$_{dd}$	0.375	0.75	0.875	0.875	0.5	0.625	224
305	305$_{dd}$	0.375	0.75	1.0	1.0	0.625	0.687	233
306	306$_{dd}$	0.375	0.875	0.0	0.875	0.875	0.437	125
307	307$_{dd}$	0.375	0.875	0.125	0.875	0.75	0.5	131
308	308$_{dd}$	0.375	0.875	0.25	0.875	0.625	0.562	139
309	309$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150
310	310$_{dd}$	0.375	0.875	0.5	0.875	0.5	0.625	164
311	311$_{dd}$	0.375	0.875	0.625	0.875	0.5	0.625	180
312	312$_{dd}$	0.375	0.875	0.75	0.875	0.5	0.625	196
313	313$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210
314	314$_{dd}$	0.375	0.875	1.0	1.0	0.625	0.687	221
315	315$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128
316	316$_{dd}$	0.375	1.0	0.125	1.0	0.875	0.562	134
317	317$_{dd}$	0.375	1.0	0.25	1.0	0.75	0.625	141
318	318$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150
319	319$_{dd}$	0.375	1.0	0.5	1.0	0.625	0.687	161
320	320$_{dd}$	0.375	1.0	0.625	1.0	0.625	0.687	173
321	321$_{dd}$	0.375	1.0	0.75	1.0	0.625	0.687	187
322	322$_{dd}$	0.375	1.0	0.875	1.0	0.625	0.687	199
323	323$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210

*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				
0.375	0.0	0.0	28.8	23.9	15.4	28.5	32.8
0.375	0.0	0.118	28.9	24.6	9.4	26.4	20.9
0.375	0.0	0.256	29.1	26.1	1.5	26.1	3.2
0.375	0.0	0.375	29.1	27.3	−3.2	27.5	353.3
0.383	0.0	0.5	30.6	33.2	−7.2	34.0	347.6
0.385	0.0	0.625	32.1	36.5	−13.8	39.1	339.2
0.375	0.0	0.75	32.8	40.3	−19.7	44.9	333.9
0.364	0.0	0.875	32.9	43.5	−26.0	50.7	329.1
0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
0.375	0.118	0.0	33.1	14.4	21.4	25.8	55.9
0.375	0.124	0.124	34.8	15.9	10.3	19.0	32.8
0.375	0.124	0.25	34.9	16.9	3.5	17.2	11.6
0.375	0.124	0.375	35.0	18.2	−2.1	18.3	353.3
0.381	0.124	0.5	36.5	23.3	−7.0	24.3	343.1
0.375	0.125	0.625	37.5	26.9	−13.1	29.9	333.9
0.364	0.125	0.75	37.6	30.0	−19.3	35.7	327.2
0.362	0.125	0.875	38.7	31.8	−26.5	41.4	320.2
0.358	0.125	1.0	39.8	33.1	−33.5	47.1	314.6
0.375	0.256	0.0	39.6	2.6	29.8	29.9	84.9
0.375	0.25	0.124	39.8	5.6	16.9	17.8	71.4
0.375	0.249	0.249	40.8	7.9	5.1	9.5	32.8
0.375	0.249	0.375	40.9	9.1	−1.0	9.1	353.3
0.375	0.249	0.5	42.1	13.4	−6.5	14.9	333.9
0.368	0.25	0.625	42.7	15.9	−13.2	20.7	320.2
0.366	0.25	0.75	43.9	17.8	−19.8	26.6	311.9
0.364	0.25	0.875	45.0	21.2	−25.6	33.2	309.5
0.362	0.25	1.0	46.2	24.5	−31.4	39.9	307.9
0.375	0.375	0.0	44.2	−4.4	35.6	35.9	97.1
0.375	0.375	0.124	45.0	−2.9	23.7	23.9	97.1
0.375	0.375	0.249	45.9	−1.4	11.8	11.9	97.1
0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
0.375	0.375	0.5	47.8	2.9	−5.9	6.6	296.4
0.375	0.375	0.625	48.7	5.8	−11.8	13.2	296.4
0.375	0.375	0.75	49.7	8.8	−17.7	19.8	296.4
0.375	0.375	0.875	50.6	11.7	−23.6	26.4	296.4
0.375	0.375	1.0	51.6	14.6	−29.5	33.0	296.4
0.383	0.5	0.0	50.5	−9.6	41.8	42.9	102.9
0.381	0.5	0.124	50.7	−8.5	29.8	31.0	106.0
0.375	0.5	0.249	50.9	−7.8	16.5	18.2	115.3
0.375	0.5	0.375	51.1	−8.6	3.5	9.2	157.7
0.375	0.5	0.5	51.9	−3.6	−5.4	6.5	236.1
0.375	0.5	0.625	53.1	−1.5	−11.2	11.3	262.3
0.375	0.493	0.75	53.6	1.9	−17.2	17.3	276.3
0.375	0.491	0.875	54.3	5.2	−23.1	23.7	282.8
0.375	0.489	1.0	55.0	8.5	−29.1	30.4	286.2
0.385	0.625	0.0	54.6	−16.0	47.3	49.9	108.7
0.375	0.625	0.125	54.9	−15.6	33.0	36.5	115.3
0.368	0.625	0.25	54.9	−15.8	20.1	25.6	128.2
0.375	0.625	0.375	55.4	−17.2	7.0	18.5	157.7
0.375	0.625	0.5	56.1	−12.7	−3.0	13.1	193.5
0.375	0.625	0.625	57.0	−7.3	−10.9	13.1	236.1
0.375	0.631	0.75	58.8	−6.2	−16.6	17.7	249.4
0.375	0.625	0.875	59.4	−3.0	−22.5	22.7	262.3
0.375	0.614	1.0	59.7	0.5	−28.4	28.4	271.0
0.375	0.75	0.0	59.0	−23.5	49.5	54.8	115.3
0.364	0.75	0.125	59.5	−22.8	36.6	43.2	121.9
0.366	0.75	0.25	58.5	−24.4	23.3	33.8	136.2
0.375	0.75	0.375	59.7	−25.8	10.5	27.8	157.7
0.375	0.75	0.493	60.3	−22.3	1.4	22.3	176.3
0.375	0.75	0.631	61.3	−15.9	−9.8	18.7	211.7
0.375	0.75	0.75	62.1	−10.9	−16.4	19.7	236.1
0.375	0.758	0.875	64.1	−10.2	−22.0	24.3	245.1
0.375	0.76	1.0	65.4	−8.3	−27.8	29.0	253.2
0.364	0.875	0.0	63.6	−30.8	53.2	61.4	120.0
0.362	0.875	0.125	63.0	−31.7	40.2	51.2	128.2
0.364	0.875	0.25	62.9	−32.3	27.0	42.1	140.1
0.375	0.875	0.375	63.9	−34.4	14.0	37.1	157.7
0.375	0.875	0.491	64.6	−31.3	5.5	31.8	170.0
0.375	0.875	0.625	65.4	−25.5	−6.1	26.2	193.5
0.375	0.875	0.758	66.4	−19.2	−15.8	24.9	219.6
0.375	0.875	0.875	67.1	−14.6	−21.8	26.3	236.1
0.375	0.885	1.0	69.3	−14.0	−27.5	30.9	242.9
0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
0.358	1.0	0.125	66.1	−40.6	43.1	59.3	133.2
0.362	1.0	0.25	67.4	−40.2	30.6	50.5	142.7
0.375	1.0	0.375	68.2	−43.0	17.5	46.4	157.7
0.375	1.0	0.489	68.8	−40.3	9.2	41.3	167.1
0.375	1.0	0.614	69.6	−35.4	−1.1	35.4	181.9
0.375	1.0	0.76	70.6	−28.4	−13.3	31.4	205.1
0.375	1.0	0.885	71.5	−22.9	−21.4	31.4	223.1
0.375	1.0	1.0	72.2	−18.3	−27.3	32.9	236.1

*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$
0.0	0.771	0.711	0.66	389
0.0	0.767	0.534	0.665	371
0.0	0.761	0.285	0.672	348
0.0	0.755	0.11	0.679	330
0.044	0.812	0.0	0.601	317
0.316	0.878	0.0	0.457	307
0.445	0.927	0.0	0.328	300
0.544	0.965	0.0	0.191	294
0.631	1.0	0.0	0.0	291
0.0	0.612	0.765	0.667	48
0.0	0.612	0.481	0.657	389
0.0	0.601	0.29	0.665	360
0.0	0.596	0.09	0.676	330
0.095	0.667	0.0	0.595	311
0.325	0.737	0.0	0.451	300
0.461	0.798	0.0	0.325	292
0.578	0.821	0.0	0.166	288
0.654	0.829	0.0	0.0	284
0.0	0.341	0.763	0.67	71
0.0	0.368	0.574	0.671	59
0.0	0.375	0.279	0.673	389
0.0	0.357	0.051	0.686	330
0.143	0.483	0.0	0.598	300
0.375	0.581	0.0	0.454	288
0.514	0.639	0.0	0.31	282
0.594	0.68	0.0	0.164	279
0.642	0.692	0.0	0.0	278
0.0	0.132	0.761	0.672	89
0.0	0.107	0.633	0.675	89
0.0	0.069	0.367	0.683	89
0.034	0.018	0.0	0.69	360
0.214	0.23	0.0	0.602	270
0.39	0.38	0.0	0.466	270
0.506	0.471	0.0	0.327	270
0.59	0.533	0.0	0.18	270
0.656	0.564	0.0	0.001	270
0.006	0.0	0.8	0.62	102
0.089	0.0	0.693	0.613	108
0.163	0.0	0.476	0.603	119
0.326	0.0	0.268	0.566	149
0.274	0.026	0.0	0.582	210
0.411	0.19	0.0	0.465	240
0.519	0.335	0.0	0.33	251
0.599	0.426	0.0	0.185	257
0.665	0.473	0.0	0.008	260
0.216	0.0	0.867	0.5	112
0.33	0.0	0.736	0.472	119
0.395	0.0	0.575	0.456	131
0.511	0.0	0.409	0.412	149
0.485	0.0	0.21	0.432	180
0.439	0.029	0.0	0.447	210
0.536	0.145	0.0	0.325	228
0.612	0.277	0.0	0.186	240
0.67	0.368	0.0	0.016	247
0.459	0.0	0.928	0.334	119
0.468	0.0	0.785	0.324	127
0.545	0.0	0.651	0.304	137
0.624	0.0	0.497	0.247	149
0.615	0.0	0.367	0.257	168
0.58	0.0	0.163	0.29	191
0.55	0.024	0.0	0.305	210
0.621	0.119	0.0	0.18	222
0.678	0.207	0.0	0.017	232
0.552	0.0	0.968	0.177	125
0.587	0.0	0.841	0.169	131
0.637	0.0	0.7	0.15	140
0.701	0.0	0.565	0.079	149
0.695	0.0	0.463	0.09	162
0.677	0.0	0.315	0.12	180
0.65	0.0	0.14	0.15	197
0.63	0.016	0.0	0.165	210
0.683	0.093	0.0	0.009	219
0.632	0.0	1.0	0.0	128
0.677	0.0	0.882	0.0	135
0.682	0.0	0.749	0.0	142
0.75	0.0	0.625	0.0	149
0.75	0.0	0.5	0.0	159
0.712	0.0	0.376	0.0	172
0.707	0.0	0.25	0.0	187
0.695	0.0	0.125	0.0	200
0.69	0.0	0.001	0.0	210

Mean color difference of this page: **delta**

*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329.1
0.366	0.0	1.0	33.6	46.9	−31.8	56.7	325.8
1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
1.0	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
0.266	0.0	1.0	31.8	37.8	−38.3	53.8	314.6
1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
0.15	0.0	1.0	29.7	32.7	−41.9	53.2	307.9
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
0.0	0.183	1.0	30.8	13.6	−46.7	48.6	286.2
0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
0.0	0.383	1.0	38.2	0.8	−45.4	45.4	271.0
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
0.0	0.616	1.0	47.4	−13.4	−44.5	46.4	253.2
0.416	1.0	0.0	70.2	−35.2	60.8	70.2	120.0
0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.816	1.0	53.6	−22.5	−44.1	49.5	242.9
0.366	1.0	0.0	68.3	−37.7	57.4	68.7	123.2
0.266	1.0	0.0	61.9	−46.5	49.3	67.8	133.2
0.15	1.0	0.0	58.1	−53.6	40.8	67.4	142.7
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.183	52.9	−64.5	14.7	66.1	167.1
0.0	1.0	0.383	54.1	−56.6	−1.8	56.6	181.9
0.0	1.0	0.616	55.7	−45.5	−21.3	50.3	205.1
0.0	1.0	0.816	57.1	−36.6	−34.3	50.2	223.1
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}
324	324$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390
325	325$_{dd}$	0.5	0.0	0.125	0.5	0.5	0.25	376
326	326$_{dd}$	0.5	0.0	0.25	0.5	0.5	0.25	360
327	327$_{dd}$	0.5	0.0	0.375	0.5	0.5	0.25	344
328	328$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330
329	329$_{dd}$	0.5	0.0	0.625	0.625	0.625	0.312	319
330	330$_{dd}$	0.5	0.0	0.75	0.75	0.75	0.375	311
331	331$_{dd}$	0.5	0.0	0.875	0.875	0.875	0.437	305
332	332$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300
333	333$_{dd}$	0.5	0.125	0.0	0.5	0.5	0.25	44
334	334$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390
335	335$_{dd}$	0.5	0.125	0.25	0.5	0.375	0.312	371
336	336$_{dd}$	0.5	0.125	0.375	0.5	0.375	0.312	349
337	337$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330
338	338$_{dd}$	0.5	0.125	0.625	0.625	0.5	0.375	316
339	339$_{dd}$	0.5	0.125	0.75	0.75	0.625	0.437	307
340	340$_{dd}$	0.5	0.125	0.875	0.875	0.75	0.5	300
341	341$_{dd}$	0.5	0.125	1.0	1.0	0.875	0.562	295
342	342$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60
343	343$_{dd}$	0.5	0.25	0.125	0.5	0.375	0.312	49
344	344$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390
345	345$_{dd}$	0.5	0.25	0.375	0.5	0.25	0.375	360
346	346$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330
347	347$_{dd}$	0.5	0.25	0.625	0.625	0.375	0.437	311
348	348$_{dd}$	0.5	0.25	0.75	0.75	0.5	0.5	300
349	349$_{dd}$	0.5	0.25	0.875	0.875	0.625	0.562	293
350	350$_{dd}$	0.5	0.25	1.0	1.0	0.75	0.625	289
351	351$_{dd}$	0.5	0.375	0.0	0.5	0.5	0.25	76
352	352$_{dd}$	0.5	0.375	0.125	0.5	0.375	0.312	71
353	353$_{dd}$	0.5	0.375	0.25	0.5	0.25	0.375	60
354	354$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390
355	355$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330
356	356$_{dd}$	0.5	0.375	0.625	0.625	0.25	0.5	300
357	357$_{dd}$	0.5	0.375	0.75	0.75	0.375	0.562	289
358	358$_{dd}$	0.5	0.375	0.875	0.875	0.5	0.625	284
359	359$_{dd}$	0.5	0.375	1.0	1.0	0.625	0.687	281
360	360$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90
361	361$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90
362	362$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90
363	363$_{dd}$	0.5	0.5	0.375	0.5	0.125	0.437	90
364	364$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360
365	365$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270
366	366$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270
367	367$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270
368	368$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270
369	369$_{dd}$	0.5	0.625	0.0	0.625	0.625	0.312	101
370	370$_{dd}$	0.5	0.625	0.125	0.625	0.5	0.375	104
371	371$_{dd}$	0.5	0.625	0.25	0.625	0.375	0.437	109
372	372$_{dd}$	0.5	0.625	0.375	0.625	0.25	0.5	120
373	373$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150
374	374$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210
375	375$_{dd}$	0.5	0.625	0.75	0.75	0.25	0.625	240
376	376$_{dd}$	0.5	0.625	0.875	0.875	0.375	0.687	251
377	377$_{dd}$	0.5	0.625	1.0	1.0	0.5	0.75	256
378	378$_{dd}$	0.5	0.75	0.0	0.75	0.75	0.375	109
379	379$_{dd}$	0.5	0.75	0.125	0.75	0.625	0.437	113
380	380$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120
381	381$_{dd}$	0.5	0.75	0.375	0.75	0.375	0.562	131
382	382$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150
383	383$_{dd}$	0.5	0.75	0.625	0.75	0.25	0.625	180
384	384$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210
385	385$_{dd}$	0.5	0.75	0.875	0.875	0.375	0.687	229
386	386$_{dd}$	0.5	0.75	1.0	1.0	0.5	0.75	240
387	387$_{dd}$	0.5	0.875	0.0	0.875	0.875	0.437	115
388	388$_{dd}$	0.5	0.875	0.125	0.875	0.75	0.5	120
389	389$_{dd}$	0.5	0.875	0.25	0.875	0.625	0.562	127
390	390$_{dd}$	0.5	0.875	0.375	0.875	0.5	0.625	136
391	391$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150
392	392$_{dd}$	0.5	0.875	0.625	0.875	0.375	0.687	169
393	393$_{dd}$	0.5	0.875	0.75	0.875	0.375	0.687	191
394	394$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210
395	395$_{dd}$	0.5	0.875	1.0	1.0	0.5	0.75	224
396	396$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120
397	397$_{dd}$	0.5	1.0	0.125	1.0	0.875	0.562	125
398	398$_{dd}$	0.5	1.0	0.25	1.0	0.75	0.625	131
399	399$_{dd}$	0.5	1.0	0.375	1.0	0.625	0.687	139
400	400$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150
401	401$_{dd}$	0.5	1.0	0.625	1.0	0.5	0.75	164
402	402$_{dd}$	0.5	1.0	0.75	1.0	0.5	0.75	180
403	403$_{dd}$	0.5	1.0	0.875	1.0	0.5	0.75	196
404	404$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210

rgb$^*_{Fdd}$			*LabCh*$^*_{Fdd}$				
0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8
0.5	0.0	0.116	32.7	32.5	14.8	35.7	24.5
0.5	0.0	0.25	32.7	33.8	7.0	34.5	11.6
0.5	0.0	0.383	32.9	35.3	−0.1	35.3	359.8
0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3
0.51	0.0	0.625	34.5	42.4	−8.3	43.2	348.8
0.512	0.0	0.75	35.9	46.6	−14.1	48.7	343.1
0.51	0.0	0.875	37.1	50.0	−20.5	54.1	337.7
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.5	0.116	0.0	36.5	22.9	26.1	34.7	48.7
0.5	0.124	0.124	38.5	23.9	15.4	28.5	32.8
0.5	0.124	0.243	38.6	24.6	9.4	26.4	20.9
0.5	0.124	0.381	38.8	26.1	1.5	26.1	3.2
0.5	0.124	0.5	38.8	27.3	−3.2	27.5	353.3
0.508	0.125	0.625	40.3	33.2	−7.2	34.0	347.6
0.51	0.125	0.75	41.8	36.5	−13.8	39.1	339.2
0.5	0.125	0.875	42.5	40.3	−19.7	44.9	333.9
0.489	0.125	1.0	42.7	43.5	−26.0	50.7	329.1
0.5	0.25	0.0	42.4	11.3	33.8	35.6	71.4
0.5	0.243	0.124	42.8	14.4	21.4	25.8	55.9
0.5	0.249	0.249	44.5	15.9	10.3	19.0	32.8
0.5	0.249	0.375	44.6	16.9	3.5	17.2	11.6
0.5	0.249	0.5	44.7	18.2	−2.1	18.3	353.3
0.506	0.25	0.625	46.2	23.3	−7.0	24.3	343.1
0.5	0.25	0.75	47.2	26.9	−13.1	29.9	333.9
0.489	0.25	0.875	47.3	30.0	−19.3	35.7	327.2
0.487	0.25	1.0	48.4	31.8	−26.5	41.4	320.2
0.5	0.383	0.0	48.8	0.5	41.9	41.9	89.2
0.5	0.381	0.124	49.3	2.6	29.8	29.9	84.9
0.5	0.375	0.249	49.5	5.6	16.9	17.8	71.4
0.5	0.375	0.375	50.5	7.9	5.1	9.5	32.8
0.5	0.375	0.5	50.6	9.1	−1.0	9.1	353.3
0.5	0.375	0.625	51.9	13.4	−6.5	14.9	333.9
0.493	0.375	0.75	52.5	15.9	−13.2	20.7	320.2
0.491	0.375	0.875	53.6	17.8	−19.8	26.6	311.9
0.489	0.375	1.0	54.7	21.2	−25.6	33.2	309.5
0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1
0.5	0.5	0.124	53.9	−4.4	35.6	35.9	97.1
0.5	0.5	0.249	54.8	−2.9	23.7	23.9	97.1
0.5	0.5	0.375	55.7	−1.4	11.8	11.9	97.1
0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0
0.5	0.5	0.625	57.5	2.9	−5.9	6.6	296.4
0.5	0.5	0.75	58.4	5.8	−11.8	13.2	296.4
0.5	0.5	0.875	59.4	8.8	−17.7	19.8	296.4
0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4
0.51	0.625	0.0	59.4	−11.2	53.7	54.9	101.7
0.508	0.625	0.125	60.2	−9.6	41.8	42.9	102.9
0.506	0.625	0.25	60.4	−8.5	29.8	31.0	106.0
0.5	0.625	0.375	60.6	−7.8	16.5	18.2	115.3
0.5	0.625	0.5	60.8	−8.6	3.5	9.2	157.7
0.5	0.625	0.625	61.6	−3.6	−5.4	6.5	236.1
0.5	0.625	0.75	62.8	−1.5	−11.2	11.3	262.3
0.5	0.618	0.875	63.3	1.9	−17.2	17.3	276.3
0.5	0.616	1.0	64.0	5.2	−23.1	23.7	282.8
0.512	0.75	0.0	64.3	−17.1	59.6	62.0	106.0
0.51	0.75	0.125	64.3	−16.0	47.3	49.9	108.7
0.5	0.75	0.25	64.6	−15.6	33.0	36.5	115.3
0.493	0.75	0.375	64.6	−15.8	20.1	25.6	128.2
0.5	0.75	0.5	65.1	−17.2	7.0	18.5	157.7
0.5	0.75	0.625	65.8	−12.7	−3.0	13.1	193.5
0.5	0.75	0.75	66.7	−7.3	−10.9	13.1	236.1
0.5	0.756	0.875	68.5	−6.2	−16.6	17.7	249.4
0.5	0.75	1.0	69.1	−3.0	−22.5	22.7	262.3
0.51	0.875	0.0	68.4	−24.0	63.8	68.2	110.6
0.5	0.875	0.125	68.7	−23.5	49.5	54.8	115.3
0.489	0.875	0.25	69.3	−22.8	36.6	43.2	121.9
0.491	0.875	0.375	68.2	−24.4	23.3	33.8	136.2
0.5	0.875	0.5	69.4	−25.8	10.5	27.8	157.7
0.5	0.875	0.618	70.0	−22.3	1.4	22.3	176.3
0.5	0.875	0.756	71.0	−15.9	−9.8	18.7	211.7
0.5	0.875	0.875	71.8	−10.9	−16.4	19.7	236.1
0.5	0.883	1.0	73.8	−10.2	−22.0	24.3	245.1
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.489	1.0	0.125	73.3	−30.8	53.2	61.4	120.0
0.487	1.0	0.25	72.7	−31.7	40.2	51.2	128.2
0.489	1.0	0.375	72.6	−32.3	27.0	42.1	140.1
0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7
0.5	1.0	0.616	74.3	−31.3	5.5	31.8	170.0
0.5	1.0	0.75	75.1	−25.5	−6.1	26.2	193.5
0.5	1.0	0.883	76.1	−19.2	−15.8	24.9	219.6
0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1

cmyn$^*_{sep,Fdd}$			
0.0	0.845	0.803	0.544
0.0	0.843	0.646	0.549
0.0	0.84	0.452	0.554
0.0	0.838	0.252	0.557
0.0	0.837	0.118	0.559
0.031	0.871	0.0	0.491
0.25	0.924	0.0	0.348
0.401	0.958	0.0	0.187
0.5	1.0	0.0	0.0
0.0	0.702	0.842	0.549
0.0	0.695	0.582	0.535
0.0	0.689	0.447	0.541
0.0	0.689	0.25	0.548
0.0	0.688	0.116	0.552
0.006	0.736	0.0	0.494
0.272	0.798	0.0	0.33
0.395	0.836	0.0	0.183
0.485	0.875	0.0	0.013
0.0	0.504	0.84	0.554
0.0	0.536	0.648	0.543
0.0	0.529	0.414	0.535
0.0	0.521	0.25	0.547
0.0	0.516	0.091	0.555
0.062	0.587	0.0	0.475
0.284	0.666	0.0	0.327
0.413	0.716	0.0	0.187
0.501	0.749	0.0	0.0
0.0	0.295	0.841	0.553
0.0	0.298	0.708	0.548
0.0	0.323	0.49	0.55
0.0	0.322	0.234	0.553
0.0	0.303	0.051	0.569
0.123	0.42	0.0	0.468
0.336	0.511	0.0	0.323
0.47	0.563	0.0	0.167
0.521	0.584	0.0	0.0
0.0	0.204	0.868	0.498
0.0	0.113	0.735	0.546
0.0	0.102	0.542	0.547
0.0	0.067	0.313	0.562
0.026	0.01	0.0	0.581
0.195	0.19	0.0	0.471
0.352	0.323	0.0	0.335
0.465	0.412	0.0	0.186
0.54	0.457	0.0	0.008
0.049	0.0	0.881	0.468
0.056	0.0	0.756	0.467
0.076	0.0	0.598	0.472
0.147	0.0	0.414	0.47
0.312	0.0	0.234	0.441
0.256	0.019	0.0	0.453
0.378	0.158	0.0	0.335
0.485	0.288	0.0	0.191
0.553	0.369	0.0	0.013
0.223	0.0	0.927	0.339
0.268	0.0	0.822	0.341
0.303	0.0	0.66	0.332
0.373	0.0	0.519	0.317
0.486	0.0	0.374	0.268
0.46	0.0	0.194	0.292
0.411	0.018	0.0	0.313
0.506	0.122	0.0	0.185
0.571	0.23	0.0	0.017
0.366	0.0	0.965	0.191
0.416	0.0	0.846	0.184
0.432	0.0	0.708	0.175
0.529	0.0	0.601	0.158
0.599	0.0	0.469	0.093
0.59	0.0	0.349	0.109
0.557	0.0	0.157	0.148
0.523	0.014	0.0	0.168
0.585	0.095	0.0	0.013
0.498	0.0	0.999	0.0
0.5	0.0	0.875	0.0
0.536	0.0	0.761	0.0
0.593	0.0	0.635	0.0
0.634	0.0	0.498	0.0
0.631	0.0	0.376	0.0
0.623	0.0	0.259	0.0
0.616	0.0	0.125	0.0
0.597	0.0	0.004	0.0

Mean color difference of this page: **delta**

$h_{siM,dd}$	*rgb*$^*_{Mdd}$			*LabCh*$^*_{Mdd}$				
389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
305	0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337.7
300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
294	0.416	0.0	1.0	35.1	49.7	−29.7	57.9	329.1
59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
292	0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
282	0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
279	0.183	0.0	1.0	30.3	33.9	−41.0	53.2	309.5
89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
251	0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
257	0.0	0.233	1.0	32.7	10.5	−46.2	47.4	282.8
108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
228	0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
114	0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110.6
119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
127	0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
137	0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
168	0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
191	0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
222	0.0	0.766	1.0	52.2	−20.4	−44.1	48.6	245.1
119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
125	0.416	1.0	0.0	70.2	−35.2	60.8	70.2	120.0
131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
140	0.183	1.0	0.0	59.0	−51.8	43.2	67.4	140.1
149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
162	0.0	1.0	0.233	53.2	−62.6	11.0	63.6	170.0
180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
197	0.0	1.0	0.766	56.8	−38.4	−31.7	49.8	219.6
210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}
405	405$_{dd}$	0.625	0.0	0.0	0.625	0.625	0.312	390
406	406$_{dd}$	0.625	0.0	0.125	0.625	0.625	0.312	379
407	407$_{dd}$	0.625	0.0	0.25	0.625	0.625	0.312	367
408	408$_{dd}$	0.625	0.0	0.375	0.625	0.625	0.312	353
409	409$_{dd}$	0.625	0.0	0.5	0.625	0.625	0.312	341
410	410$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330
411	411$_{dd}$	0.625	0.0	0.75	0.75	0.75	0.375	321
412	412$_{dd}$	0.625	0.0	0.875	0.875	0.875	0.437	314
413	413$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308
414	414$_{dd}$	0.625	0.125	0.0	0.625	0.625	0.312	41
415	415$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390
416	416$_{dd}$	0.625	0.125	0.25	0.625	0.5	0.375	376
417	417$_{dd}$	0.625	0.125	0.375	0.625	0.5	0.375	360
418	418$_{dd}$	0.625	0.125	0.5	0.625	0.5	0.375	344
419	419$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330
420	420$_{dd}$	0.625	0.125	0.75	0.75	0.625	0.437	319
421	421$_{dd}$	0.625	0.125	0.875	0.875	0.75	0.5	311
422	422$_{dd}$	0.625	0.125	1.0	1.0	0.875	0.562	305
423	423$_{dd}$	0.625	0.25	0.0	0.625	0.625	0.312	53
424	424$_{dd}$	0.625	0.25	0.125	0.625	0.5	0.375	44
425	425$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390
426	426$_{dd}$	0.625	0.25	0.375	0.625	0.375	0.437	371
427	427$_{dd}$	0.625	0.25	0.5	0.625	0.375	0.437	349
428	428$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330
429	429$_{dd}$	0.625	0.25	0.75	0.75	0.5	0.5	316
430	430$_{dd}$	0.625	0.25	0.875	0.875	0.625	0.562	307
431	431$_{dd}$	0.625	0.25	1.0	1.0	0.75	0.625	300
432	432$_{dd}$	0.625	0.375	0.0	0.625	0.625	0.312	67
433	433$_{dd}$	0.625	0.375	0.125	0.625	0.5	0.375	60
434	434$_{dd}$	0.625	0.375	0.25	0.625	0.375	0.437	49
435	435$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390
436	436$_{dd}$	0.625	0.375	0.5	0.625	0.25	0.5	360
437	437$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330
438	438$_{dd}$	0.625	0.375	0.75	0.75	0.375	0.562	311
439	439$_{dd}$	0.625	0.375	0.875	0.875	0.5	0.625	300
440	440$_{dd}$	0.625	0.375	1.0	1.0	0.625	0.687	293
441	441$_{dd}$	0.625	0.5	0.0	0.625	0.625	0.312	79
442	442$_{dd}$	0.625	0.5	0.125	0.625	0.5	0.375	76
443	443$_{dd}$	0.625	0.5	0.25	0.625	0.375	0.437	71
444	444$_{dd}$	0.625	0.5	0.375	0.625	0.25	0.5	60
445	445$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390
446	446$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330
447	447$_{dd}$	0.625	0.5	0.75	0.75	0.25	0.625	300
448	448$_{dd}$	0.625	0.5	0.875	0.875	0.375	0.687	289
449	449$_{dd}$	0.625	0.5	1.0	1.0	0.5	0.75	284
450	450$_{dd}$	0.625	0.625	0.0	0.625	0.625	0.312	90
451	451$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90
452	452$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90
453	453$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90
454	454$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90
455	455$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360
456	456$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270
457	457$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270
458	458$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270
459	459$_{dd}$	0.625	0.75	0.0	0.75	0.75	0.375	99
460	460$_{dd}$	0.625	0.75	0.125	0.75	0.625	0.437	101
461	461$_{dd}$	0.625	0.75	0.25	0.75	0.5	0.5	104
462	462$_{dd}$	0.625	0.75	0.375	0.75	0.375	0.562	109
463	463$_{dd}$	0.625	0.75	0.5	0.75	0.25	0.625	120
464	464$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150
465	465$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210
466	466$_{dd}$	0.625	0.75	0.875	0.875	0.25	0.75	240
467	467$_{dd}$	0.625	0.75	1.0	1.0	0.375	0.812	251
468	468$_{dd}$	0.625	0.875	0.0	0.875	0.875	0.437	106
469	469$_{dd}$	0.625	0.875	0.125	0.875	0.75	0.5	109
470	470$_{dd}$	0.625	0.875	0.25	0.875	0.625	0.562	113
471	471$_{dd}$	0.625	0.875	0.375	0.875	0.5	0.625	120
472	472$_{dd}$	0.625	0.875	0.5	0.875	0.375	0.687	131
473	473$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150
474	474$_{dd}$	0.625	0.875	0.75	0.875	0.25	0.75	180
475	475$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210
476	476$_{dd}$	0.625	0.875	1.0	1.0	0.375	0.812	229
477	477$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112
478	478$_{dd}$	0.625	1.0	0.125	1.0	0.875	0.562	115
479	479$_{dd}$	0.625	1.0	0.25	1.0	0.75	0.625	120
480	480$_{dd}$	0.625	1.0	0.375	1.0	0.625	0.687	127
481	481$_{dd}$	0.625	1.0	0.5	1.0	0.5	0.75	136
482	482$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150
483	483$_{dd}$	0.625	1.0	0.75	1.0	0.375	0.812	169
484	484$_{dd}$	0.625	1.0	0.875	1.0	0.375	0.812	191
485	485$_{dd}$	0.625	1.0	1.0	1.0	0.375	0.812	210

rgb$_{Fdd}$			*LabCh*$_{Fdd}$				
0.625	0.0	0.0	36.2	39.9	25.7	47.5	32.8
0.625	0.0	0.114	36.3	40.5	20.1	45.2	26.4
0.625	0.0	0.239	36.5	41.4	13.3	43.5	17.8
0.625	0.0	0.385	36.6	43.0	4.7	43.3	6.2
0.625	0.0	0.51	36.7	44.4	−1.3	44.4	358.3
0.625	0.0	0.625	36.8	45.5	−5.3	45.8	353.3
0.637	0.0	0.75	38.4	51.6	−9.4	52.4	349.6
0.641	0.0	0.875	39.7	56.9	−13.9	58.6	346.2
0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1
0.625	0.114	0.0	40.0	31.3	31.2	44.2	44.9
0.625	0.125	0.125	42.2	31.9	20.6	38.0	32.8
0.625	0.125	0.241	42.4	32.5	14.8	35.7	24.5
0.625	0.125	0.375	42.4	33.8	7.0	34.5	11.6
0.625	0.125	0.508	42.6	35.3	−0.1	35.3	359.8
0.625	0.125	0.625	42.7	36.4	−4.2	36.6	353.3
0.635	0.125	0.75	44.2	42.4	−8.3	43.2	348.8
0.637	0.125	0.875	45.6	46.6	−14.1	48.7	343.1
0.635	0.125	1.0	46.9	50.0	−20.5	54.1	337.7
0.625	0.239	0.0	45.2	20.3	38.0	43.1	61.8
0.625	0.241	0.125	46.2	22.9	26.1	34.7	48.7
0.625	0.25	0.25	48.2	23.9	15.4	28.5	32.8
0.625	0.25	0.368	48.4	24.6	9.4	26.4	20.9
0.625	0.25	0.506	48.5	26.1	1.5	26.1	3.2
0.625	0.25	0.625	48.6	27.3	−3.2	27.5	353.3
0.633	0.25	0.75	50.0	33.2	−7.2	34.0	347.6
0.635	0.25	0.875	51.5	36.5	−13.8	39.1	339.2
0.625	0.25	1.0	52.2	40.3	−19.7	44.9	333.9
0.625	0.385	0.0	52.3	7.4	47.2	47.8	81.0
0.625	0.375	0.125	52.1	11.3	33.8	35.6	71.4
0.625	0.368	0.25	52.6	14.4	21.4	25.8	55.9
0.625	0.375	0.375	54.2	15.9	10.3	19.0	32.8
0.625	0.375	0.5	54.3	16.9	3.5	17.2	11.6
0.625	0.375	0.625	54.5	18.2	−2.1	18.3	353.3
0.631	0.375	0.75	55.9	23.3	−7.0	24.3	343.1
0.625	0.375	0.875	56.9	26.9	−13.1	29.9	333.9
0.614	0.375	1.0	57.1	30.0	−19.3	35.7	327.2
0.625	0.51	0.0	57.8	−1.2	54.1	54.1	91.2
0.625	0.508	0.125	58.5	0.5	41.9	41.9	89.2
0.625	0.506	0.25	59.1	2.6	29.8	29.9	84.9
0.625	0.5	0.375	59.2	5.6	16.9	17.8	71.4
0.625	0.5	0.5	60.2	7.9	5.1	9.5	32.8
0.625	0.5	0.625	60.4	9.1	−1.0	9.1	353.3
0.625	0.5	0.75	61.6	13.4	−6.5	14.9	333.9
0.618	0.5	0.875	62.2	15.9	−13.2	20.7	320.2
0.616	0.5	1.0	63.3	17.8	−19.8	26.6	311.9
0.625	0.625	0.0	61.8	−7.4	59.4	59.9	97.1
0.625	0.625	0.125	62.7	−5.9	47.5	47.9	97.1
0.625	0.625	0.25	63.6	−4.4	35.6	35.9	97.1
0.625	0.625	0.375	64.5	−2.9	23.7	23.9	97.1
0.625	0.625	0.5	65.4	−1.4	11.8	11.9	97.1
0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0
0.625	0.625	0.75	67.2	2.9	−5.9	6.6	296.4
0.625	0.625	0.875	68.2	5.8	−11.8	13.2	296.4
0.625	0.625	1.0	69.1	8.8	−17.7	19.8	296.4
0.637	0.75	0.0	68.3	−12.7	65.6	66.8	100.9
0.635	0.75	0.125	69.1	−11.2	53.7	54.9	101.7
0.633	0.75	0.25	69.9	−9.6	41.8	42.9	102.9
0.631	0.75	0.375	70.1	−8.5	29.8	31.0	106.0
0.625	0.75	0.5	70.3	−7.8	16.5	18.2	115.3
0.625	0.75	0.625	70.5	−8.6	3.5	9.2	157.7
0.625	0.75	0.75	71.3	−3.6	−5.4	6.5	236.1
0.625	0.75	0.875	72.5	−1.5	−11.2	11.3	262.3
0.625	0.743	1.0	73.0	1.9	−17.2	17.3	276.3
0.641	0.875	0.0	74.1	−17.9	71.8	74.0	104.0
0.637	0.875	0.125	74.0	−17.1	59.6	62.0	106.0
0.635	0.875	0.25	74.0	−16.0	47.3	49.9	108.7
0.625	0.875	0.375	74.4	−15.6	33.0	36.5	115.3
0.618	0.875	0.5	74.3	−15.8	20.1	25.6	128.2
0.625	0.875	0.625	74.8	−17.2	7.0	18.5	157.7
0.625	0.875	0.75	75.5	−12.7	−3.0	13.1	193.5
0.625	0.875	0.875	76.4	−7.3	−10.9	13.1	236.1
0.625	0.881	1.0	78.2	−6.2	−16.6	17.7	249.4
0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9
0.635	1.0	0.125	78.1	−24.0	63.8	68.2	110.6
0.625	1.0	0.25	78.4	−23.5	49.5	54.8	115.3
0.614	1.0	0.375	79.0	−22.8	36.6	43.2	121.9
0.616	1.0	0.5	77.9	−24.4	23.3	33.8	136.2
0.625	1.0	0.625	79.1	−25.8	10.5	27.8	157.7
0.625	1.0	0.743	79.8	−22.3	1.4	22.3	176.3
0.625	1.0	0.881	80.7	−15.9	−9.8	18.7	211.7
0.625	1.0	1.0	81.5	−10.9	−16.4	19.7	236.1

cmyn$^*_{sep,Fdd}$				$h_{siM,dd}$
0.0	0.901	0.873	0.418	389
0.0	0.9	0.725	0.419	380
0.0	0.898	0.577	0.423	367
0.0	0.895	0.386	0.427	352
0.0	0.894	0.226	0.429	339
0.0	0.894	0.107	0.433	330
0.026	0.921	0.0	0.358	322
0.196	0.959	0.0	0.215	315
0.367	1.0	0.0	0.0	308
0.0	0.776	0.899	0.423	39
0.0	0.764	0.648	0.401	389
0.0	0.76	0.534	0.404	377
0.0	0.762	0.383	0.412	360
0.0	0.761	0.22	0.417	342
0.0	0.762	0.109	0.422	330
0.014	0.801	0.0	0.353	320
0.219	0.849	0.0	0.193	311
0.352	0.87	0.0	0.0	305
0.0	0.615	0.897	0.427	52
0.0	0.636	0.699	0.407	42
0.0	0.626	0.49	0.39	389
0.0	0.624	0.376	0.398	371
0.0	0.622	0.209	0.408	348
0.0	0.621	0.094	0.415	330
0.012	0.668	0.0	0.349	317
0.235	0.722	0.0	0.177	307
0.343	0.76	0.0	0.0	300
0.0	0.413	0.898	0.424	67
0.0	0.45	0.741	0.41	59
0.0	0.481	0.554	0.4	48
0.0	0.474	0.339	0.394	389
0.0	0.466	0.203	0.407	360
0.0	0.463	0.07	0.416	330
0.056	0.529	0.0	0.334	311
0.243	0.599	0.0	0.175	300
0.355	0.645	0.0	0.0	292
0.0	0.245	0.901	0.418	80
0.0	0.251	0.776	0.411	77
0.0	0.26	0.607	0.409	71
0.0	0.284	0.41	0.412	59
0.0	0.283	0.187	0.416	389
0.0	0.267	0.036	0.432	330
0.103	0.371	0.0	0.328	300
0.288	0.458	0.0	0.175	288
0.39	0.477	0.0	0.0	282
0.0	0.161	0.915	0.376	89
0.0	0.091	0.793	0.413	89
0.0	0.095	0.633	0.41	89
0.0	0.085	0.462	0.414	89
0.0	0.057	0.259	0.428	89
0.02	0.01	0.0	0.443	360
0.164	0.164	0.0	0.331	270
0.303	0.281	0.0	0.187	270
0.395	0.355	0.0	0.011	270
0.078	0.0	0.933	0.319	97
0.064	0.0	0.802	0.328	99
0.051	0.0	0.658	0.335	102
0.069	0.0	0.515	0.339	108
0.131	0.0	0.351	0.331	119
0.274	0.0	0.201	0.292	149
0.224	0.015	0.0	0.308	210
0.329	0.134	0.0	0.187	240
0.416	0.236	0.0	0.021	251
0.237	0.0	0.966	0.171	104
0.235	0.0	0.847	0.183	108
0.237	0.0	0.717	0.194	112
0.269	0.0	0.574	0.186	119
0.33	0.0	0.453	0.168	131
0.435	0.0	0.336	0.117	149
0.409	0.0	0.175	0.145	180
0.358	0.013	0.0	0.169	210
0.437	0.1	0.0	0.02	228
0.368	0.0	1.0	0.0	111
0.373	0.0	0.873	0.001	114
0.373	0.0	0.736	0.0	119
0.37	0.0	0.606	0.0	127
0.444	0.0	0.502	0.0	137
0.489	0.0	0.376	0.0	149
0.484	0.0	0.25	0.0	168
0.477	0.0	0.125	0.0	191
0.455	0.0	0.002	0.001	210

Mean color difference of this page: **delta**

rgb$^*_{Mdd}$			*LabCh*$^*_{Mdd}$				
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346.2
0.633	0.0	1.0	41.1	59.3	−21.4	63.0	340.1
1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
0.583	0.0	1.0	39.9	57.2	−23.4	61.8	337.7
1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.383	0.0	1.0	34.0	48.0	−30.9	57.1	327.2
1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
0.233	0.0	1.0	31.2	35.6	−39.6	53.3	311.9
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
0.0	0.316	1.0	35.7	5.1	−45.8	46.1	276.3
0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104.0
0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
0.0	0.683	1.0	49.6	−16.6	−44.3	47.4	249.4
0.633	1.0	0.0	77.4	−24.9	76.8	80.7	107.9
0.583	1.0	0.0	75.6	−27.5	72.9	78.0	110.6
0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
0.383	1.0	0.0	69.1	−36.5	58.6	69.1	121.9
0.233	1.0	0.0	60.4	−48.8	46.7	67.6	136.2
0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
0.0	1.0	0.316	53.7	−59.5	3.7	59.6	176.3
0.0	1.0	0.683	56.2	−42.4	−26.3	49.9	211.7
0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS

TUB material: code=rha4ta

application for measurement of offset print output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization

F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 15/22

n	HIC^*_{Fdd}	$rgb_{\_Fdd}$			$ict_{\_Fdd}$			$h_{si\_F,dd}$	rgb^*_{Fdd}			$LabCh^*_{Fdd}$					$cmyn^*_{sep,Fdd}$				$h_{siM,dd}$	rgb^*_{Mdd}			$LabCh^*_{Mdd}$				
486	486$_{dd}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.9	47.9	30.9	57.0	32.8	0.0	0.934	0.912	0.285	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
487	487$_{dd}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	40.0	48.4	25.4	54.7	27.6	0.0	0.934	0.771	0.286	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
488	488$_{dd}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.2	49.3	18.8	52.8	20.9	0.0	0.931	0.636	0.289	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
489	489$_{dd}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.2	50.7	10.5	51.8	11.6	0.0	0.933	0.483	0.291	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
490	490$_{dd}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.5	52.3	3.0	52.3	3.2	0.0	0.928	0.327	0.291	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
491	491$_{dd}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	40.6	53.5	−2.5	53.6	357.2	0.0	0.926	0.189	0.294	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
492	492$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.6	54.6	−6.4	55.0	353.3	0.0	0.929	0.074	0.301	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
493	493$_{dd}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	42.2	60.6	−10.6	61.5	350.0	0.095	0.959	0.0	0.184	322	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350.0
494	494$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6	0.234	0.999	0.0	0.0	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
495	495$_{dd}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	43.5	39.6	36.1	53.6	42.3	0.0	0.81	0.936	0.285	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
496	496$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.9	39.9	25.7	47.5	32.8	0.0	0.792	0.701	0.257	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
497	497$_{dd}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	46.1	40.5	20.1	45.2	26.4	0.0	0.793	0.598	0.26	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
498	498$_{dd}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.2	41.4	13.3	43.5	17.8	0.0	0.797	0.483	0.264	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
499	499$_{dd}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	46.3	43.0	4.7	43.3	6.2	0.0	0.797	0.331	0.268	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
500	500$_{dd}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.5	44.4	−1.3	44.4	358.3	0.0	0.8	0.194	0.271	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
501	501$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.5	45.5	−5.3	45.8	353.3	0.0	0.802	0.084	0.277	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
502	502$_{dd}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	48.1	51.6	−9.4	52.4	349.6	0.05	0.831	0.0	0.189	322	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
503	503$_{dd}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	49.4	56.9	−13.9	58.6	346.2	0.196	0.873	0.0	0.01	315	0.733	0.0	1.0	42.8	65.0	−15.9	66.9	346.2
504	504$_{dd}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	48.6	28.9	42.8	51.7	55.9	0.0	0.667	0.941	0.29	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
505	505$_{dd}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	49.7	31.3	31.2	44.2	44.9	0.0	0.683	0.753	0.27	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
506	506$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.0	0.672	0.561	0.252	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
507	507$_{dd}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	52.1	32.5	14.8	35.7	24.5	0.0	0.671	0.465	0.256	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
508	508$_{dd}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	52.1	33.8	7.0	34.5	11.6	0.0	0.671	0.33	0.264	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
509	509$_{dd}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	52.3	35.3	−0.1	35.3	359.8	0.0	0.676	0.185	0.27	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
510	510$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.0	0.678	0.084	0.274	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
511	511$_{dd}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.9	42.4	−8.3	43.2	348.8	0.032	0.714	0.0	0.196	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
512	512$_{dd}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	55.3	46.6	−14.1	48.7	343.1	0.208	0.762	0.0	0.0	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
513	513$_{dd}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	54.8	16.9	50.7	53.4	71.4	0.0	0.514	0.94	0.293	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
514	514$_{dd}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	55.0	20.3	38.0	43.1	61.8	0.0	0.532	0.79	0.279	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
515	515$_{dd}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	55.9	22.9	26.1	34.7	48.7	0.0	0.556	0.613	0.263	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
516	516$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.9	23.9	15.4	28.5	32.8	0.0	0.546	0.436	0.25	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
517	517$_{dd}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	58.1	24.6	9.4	26.4	20.9	0.0	0.543	0.331	0.259	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
518	518$_{dd}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	58.2	26.1	1.5	26.1	3.2	0.0	0.546	0.184	0.269	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
519	519$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.3	27.3	−3.2	27.5	353.3	0.0	0.546	0.078	0.273	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
520	520$_{dd}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.7	33.2	−7.2	34.0	347.6	0.028	0.594	0.0	0.199	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
521	521$_{dd}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	61.2	36.5	−13.8	39.1	339.2	0.212	0.633	0.0	0.0	307	0.616	0.0	1.0	40.7	58.5	−22.1	62.5	339.2
522	522$_{dd}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	61.6	5.2	59.6	59.8	84.9	0.0	0.345	0.94	0.291	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
523	523$_{dd}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	62.1	7.4	47.2	47.8	81.0	0.0	0.353	0.822	0.283	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
524	524$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	61.9	11.3	33.8	35.6	71.4	0.0	0.389	0.66	0.274	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
525	525$_{dd}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	62.3	14.4	21.4	25.8	55.9	0.0	0.417	0.496	0.265	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
526	526$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.0	15.9	10.3	19.0	32.8	0.0	0.41	0.305	0.26	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
527	527$_{dd}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	64.1	16.9	3.5	17.2	11.6	0.0	0.406	0.183	0.272	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
528	528$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.2	18.2	−2.1	18.3	353.3	0.0	0.401	0.06	0.28	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
529	529$_{dd}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	65.7	23.3	−7.0	24.3	343.1	0.066	0.47	0.0	0.188	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
530	530$_{dd}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.6	26.9	−13.1	29.9	333.9	0.227	0.512	0.0	0.0	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
531	531$_{dd}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	66.8	−3.0	66.1	66.2	92.6	0.0	0.193	0.941	0.29	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
532	532$_{dd}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	67.5	−1.2	54.1	54.1	91.2	0.0	0.211	0.838	0.282	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
533	533$_{dd}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	68.2	0.5	41.9	41.9	89.2	0.0	0.22	0.695	0.277	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
534	534$_{dd}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	68.8	2.6	29.8	29.9	84.9	0.0	0.23	0.546	0.275	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
535	535$_{dd}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	68.9	5.6	16.9	17.8	71.4	0.0	0.246	0.368	0.28	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
536	536$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.0	7.9	5.1	9.5	32.8	0.0	0.244	0.168	0.283	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
537	537$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.1	9.1	−1.0	9.1	353.3	0.0	0.229	0.03	0.298	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
538	538$_{dd}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.3	13.4	−6.5	14.9	333.9	0.103	0.33	0.0	0.187	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
539	539$_{dd}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	71.9	15.9	−13.2	20.7	320.2	0.267	0.395	0.0	0.0	288	0.316	0.0	1.0	32.7	42.4	−35.3	55.3	320.2
540	540$_{dd}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	70.7	−8.9	71.3	71.9	97.1	0.0	0.057	0.94	0.292	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
541	541$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	71.5	−7.4	59.4	59.9	97.1	0.0	0.077	0.849	0.282	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
542	542$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1	0.0	0.089	0.714	0.276	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
543	543$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.3	−4.4	35.6	35.9	97.1	0.0	0.092	0.574	0.274	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
544	544$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.2	−2.9	23.7	23.9	97.1	0.0	0.08	0.419	0.279	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
545	545$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−1.4	11.8	11.9	97.1	0.0	0.051	0.23	0.293	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
546	546$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
547	547$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	76.9	2.9	−5.9	6.6	296.4	0.149	0.141	0.0	0.188	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
548	548$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	77.9	5.8	−11.8	13.2	296.4	0.283	0.233	0.0	0.013	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
549	549$_{dd}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	77.1	−14.4	77.2	78.5	100.5	0.08	0.0	0.966	0.183	97	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100.5
550	550$_{dd}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	78.1	−12.7	65.6	66.8	100.9	0.07	0.0	0.865	0.19	97	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
551	551$_{dd}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	78.9	−11.2	53.7	54.9	101.7	0.054	0.0	0.736	0.196	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
552	552$_{dd}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	79.7	−9.6	41.8	42.9	102.9	0.044	0.0	0.605	0.2	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
553	553$_{dd}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	79.8	−8.5	29.8	31.0	106.0	0.062	0.0	0.479	0.203	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
554	554$_{dd}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	80.0	−7.8	16.5	18.2	115.3	0.122	0.0	0.32	0.19	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
555	555$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	80.3	−8.6	3.5	9.2	157.7	0.25	0.0	0.174	0.149	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
556	556$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.1	−3.6	−5.4	6.5	236.1	0.202	0.011	0.0	0.167	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
557	557$_{dd}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	82.3	−1.5	−11.2	11.3	262.3	0.3	0.115	0.0	0.019	240	0.0	0.5	1.0	42.7	−6.0	−45.0	45.4	262.3
558	558$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9	0.234	0.0	1.0	0.0	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
559	559$_{dd}$	0.75	1.0	0.125	1.0	0.875	0.562	106	0.766	1.0	0.125	83.8	−17.9	71.8	74.0	104.0	0.214	0.0	0.893	0.012	104	0.733	1.0	0.0	82.2	−20.5	82.1	84.6	104.0
560	560$_{dd}$	0.75	1.0	0.25	1.0	0.75	0.625	109	0.762	1.0	0.25	83.7	−17.1	59.6	62.0	106.0	0.221	0.0	0.787	0.025	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
561	561$_{dd}$	0.75	1.0	0.375	1.0	0.625	0.687	113	0.76	1.0	0.375	83.8	−16.0	47.3	49.9	108.7	0.228	0.0	0.672	0.034	112	0.616	1.0	0.0	76.8	−25.7	75.6	79.9	108.7
562	562$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	84.1	−15.6	33.0	36.5	115.3	0.258	0.0	0.536	0.018	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
563	563$_{dd}$	0.75	1.0	0.625	1.0	0.375	0.812	131	0.743	1.0	0.625	84.1	−15.8	20.1	25.6	128.2	0.304	0.0	0.407	0.0	131	0.316	1.0	0.0	65.1	−42.3	53.6	68.2	128.2
564	564$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.5	−17.2	7.0	18.5	157.7	0.352	0.0	0.25	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
565	565$_{dd}$	0.75	1.0	0.875	1.0	0.25	0.875	180	0.75	1.0	0.875	85.3	−12.7	−3.0	13.1	193.5	0.342	0.0	0.125	0.0	180	0.0	1.0	0.5	54.8	−51.0	−12.3	52.5	193.5
566	566$_{dd}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.1	−7.3	−10.9	13.1	236.1	0.324	0.0	0.0	0.002	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

Mean color difference of this page: **delta**

1−1031430−F0

PE440−7N, Page 15/22−F

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 16/22

n	HIC*$_{Fdd}$	*rgb*$_{\_Fdd}$			*ict*$_{\_Fdd}$			$h_{si\_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
567	567$_{dd}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.6	55.8	36.0	66.5	32.8	0.0	0.963	0.971	0.161	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
568	568$_{dd}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	43.7	56.4	30.4	64.1	28.3	0.0	0.963	0.84	0.162	382	1.0	0.0	0.133	47.4	64.5	34.7	73.2	28.3
569	569$_{dd}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	43.9	57.1	24.4	62.1	23.2	0.0	0.962	0.713	0.163	375	1.0	0.0	0.266	47.7	65.2	27.9	71.0	23.2
570	570$_{dd}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.0	58.4	16.8	60.8	16.0	0.0	0.964	0.578	0.164	365	1.0	0.0	0.416	47.7	66.7	19.2	69.5	16.0
571	571$_{dd}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.1	60.0	8.2	60.5	7.8	0.0	0.961	0.427	0.164	354	1.0	0.0	0.583	47.9	68.6	9.4	69.2	7.8
572	572$_{dd}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	44.3	61.5	1.1	61.5	1.0	0.0	0.961	0.282	0.166	344	1.0	0.0	0.733	48.1	70.3	1.3	70.3	1.0
573	573$_{dd}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.4	62.6	−3.5	62.7	356.7	0.0	0.96	0.163	0.165	337	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356.7
574	574$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.4	63.7	−7.4	64.1	353.3	0.0	0.96	0.035	0.174	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
575	575$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4	0.117	1.0	0.0	0.0	323	0.883	0.0	1.0	46.1	69.7	−11.7	70.7	350.4
576	576$_{dd}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	47.3	47.4	41.3	62.9	41.0	0.0	0.85	0.971	0.162	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
577	577$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.6	47.9	30.9	57.0	32.8	0.0	0.836	0.76	0.135	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
578	578$_{dd}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	49.7	48.4	25.4	54.7	27.6	0.0	0.837	0.663	0.137	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
579	579$_{dd}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	49.9	49.3	18.8	52.8	20.9	0.0	0.838	0.561	0.138	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
580	580$_{dd}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	49.9	50.7	10.5	51.8	11.6	0.0	0.839	0.431	0.142	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
581	581$_{dd}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	50.2	52.3	3.0	52.3	3.2	0.0	0.842	0.298	0.144	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
582	582$_{dd}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.3	53.5	−2.5	53.6	357.2	0.0	0.842	0.177	0.145	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
583	583$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.3	54.6	−6.4	55.0	353.3	0.0	0.842	0.072	0.15	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
584	584$_{dd}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	51.9	60.6	−10.6	61.5	350.0	0.064	0.88	0.0	0.014	322	0.866	0.0	1.0	45.7	69.2	−12.1	70.3	350.0
585	585$_{dd}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	51.8	37.6	47.3	60.4	51.5	0.0	0.727	0.971	0.162	44	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51.5
586	586$_{dd}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	53.2	39.6	36.1	53.6	42.3	0.0	0.74	0.8	0.14	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
587	587$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.6	39.9	25.7	47.5	32.8	0.0	0.729	0.614	0.112	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
588	588$_{dd}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	55.8	40.5	20.1	45.2	26.4	0.0	0.728	0.53	0.117	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
589	589$_{dd}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	55.9	41.4	13.3	43.5	17.8	0.0	0.728	0.431	0.123	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
590	590$_{dd}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.1	43.0	4.7	43.3	6.2	0.0	0.731	0.299	0.13	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
591	591$_{dd}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.2	44.4	−1.3	44.4	358.3	0.0	0.732	0.178	0.132	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
592	592$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.2	45.5	−5.3	45.8	353.3	0.0	0.733	0.08	0.136	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
593	593$_{dd}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.9	51.6	−9.4	52.4	349.6	0.043	0.775	0.0	0.011	322	0.85	0.0	1.0	45.3	68.8	−12.5	69.9	349.6
594	594$_{dd}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	57.6	26.1	55.0	60.9	64.6	0.0	0.592	0.971	0.161	54	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64.6
595	595$_{dd}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	58.3	28.9	42.8	51.7	55.9	0.0	0.61	0.827	0.142	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
596	596$_{dd}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	59.4	31.3	31.2	44.2	44.9	0.0	0.633	0.658	0.12	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
597	597$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	31.9	20.6	38.0	32.8	0.0	0.617	0.493	0.096	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
598	598$_{dd}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	61.8	32.5	14.8	35.7	24.5	0.0	0.616	0.411	0.105	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
599	599$_{dd}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	61.8	33.8	7.0	34.5	11.6	0.0	0.621	0.3	0.119	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
600	600$_{dd}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.1	35.3	−0.1	35.3	359.8	0.0	0.622	0.17	0.125	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
601	601$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.1	36.4	−4.2	36.6	353.3	0.0	0.624	0.077	0.129	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
602	602$_{dd}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.7	42.4	−8.3	43.2	348.8	0.028	0.662	0.0	0.011	320	0.816	0.0	1.0	44.6	67.8	−13.3	69.1	348.8
603	603$_{dd}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	64.7	13.2	64.3	65.7	78.3	0.0	0.442	0.971	0.161	65	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78.3
604	604$_{dd}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	64.5	16.9	50.7	53.4	71.4	0.0	0.469	0.847	0.146	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
605	605$_{dd}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	64.7	20.3	38.0	43.1	61.8	0.0	0.497	0.693	0.132	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
606	606$_{dd}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	65.7	22.9	26.1	34.7	48.7	0.0	0.517	0.542	0.114	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
607	607$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.7	23.9	15.4	28.5	32.8	0.0	0.503	0.382	0.098	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
608	608$_{dd}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	67.8	24.6	9.4	26.4	20.9	0.0	0.504	0.296	0.11	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
609	609$_{dd}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	67.9	26.1	1.5	26.1	3.2	0.0	0.507	0.164	0.123	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
610	610$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	27.3	−3.2	27.5	353.3	0.0	0.509	0.066	0.129	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
611	611$_{dd}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.4	33.2	−7.2	34.0	347.6	0.024	0.537	0.0	0.015	317	0.766	0.0	1.0	43.5	66.4	−14.5	68.0	347.6
612	612$_{dd}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	70.9	2.9	71.9	72.0	87.6	0.0	0.295	0.971	0.161	75	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87.6
613	613$_{dd}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	71.3	5.2	59.6	59.8	84.9	0.0	0.315	0.87	0.148	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
614	614$_{dd}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	71.8	7.4	47.2	47.8	81.0	0.0	0.328	0.731	0.139	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
615	615$_{dd}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	71.6	11.3	33.8	35.6	71.4	0.0	0.363	0.586	0.129	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
616	616$_{dd}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	72.0	14.4	21.4	25.8	55.9	0.0	0.386	0.435	0.118	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
617	617$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.7	15.9	10.3	19.0	32.8	0.0	0.376	0.268	0.113	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
618	618$_{dd}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	73.8	16.9	3.5	17.2	11.6	0.0	0.376	0.158	0.13	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
619	619$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	18.2	−2.1	18.3	353.3	0.0	0.373	0.048	0.14	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
620	620$_{dd}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	75.4	23.3	−7.0	24.3	343.1	0.061	0.422	0.0	0.004	311	0.683	0.0	1.0	41.9	62.2	−18.8	65.0	343.1
621	621$_{dd}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	75.6	−4.5	77.9	78.0	93.3	0.0	0.16	0.971	0.159	82	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93.3
622	622$_{dd}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	76.6	−3.0	66.1	66.2	92.6	0.0	0.177	0.879	0.147	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
623	623$_{dd}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	77.3	−1.2	54.1	54.1	91.2	0.0	0.196	0.75	0.137	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
624	624$_{dd}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	77.9	0.5	41.9	41.9	89.2	0.0	0.201	0.62	0.133	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
625	625$_{dd}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	78.5	2.6	29.8	29.9	84.9	0.0	0.205	0.485	0.133	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
626	626$_{dd}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	78.6	5.6	16.9	17.8	71.4	0.0	0.218	0.324	0.138	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
627	627$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	79.7	7.9	5.1	9.5	32.8	0.0	0.215	0.144	0.142	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
628	628$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.8	9.1	−1.0	9.1	353.3	0.0	0.198	0.021	0.16	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
629	629$_{dd}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.0	13.4	−6.5	14.9	333.9	0.096	0.287	0.0	0.002	300	0.5	0.0	1.0	37.8	53.8	−26.3	59.9	333.9
630	630$_{dd}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	79.5	−10.4	83.2	83.8	97.1	0.0	0.027	0.97	0.165	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
631	631$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	80.4	−8.9	71.3	71.9	97.1	0.0	0.054	0.887	0.15	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
632	632$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.3	−7.4	59.4	59.9	97.1	0.0	0.075	0.763	0.139	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
633	633$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.2	−5.9	47.5	47.9	97.1	0.0	0.083	0.639	0.133	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
634	634$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.0	−4.4	35.6	35.9	97.1	0.0	0.08	0.514	0.134	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
635	635$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.9	−2.9	23.7	23.9	97.1	0.0	0.068	0.371	0.141	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
636	636$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.8	−1.4	11.8	11.9	97.1	0.0	0.041	0.202	0.158	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
637	637$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
638	638$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.7	2.9	−5.9	6.6	296.4	0.14	0.124	0.0	0.018	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
639	639$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1	0.117	0.0	1.0	0.0	96	0.883	1.0	0.0	86.0	−15.9	89.0	90.4	100.1
640	640$_{dd}$	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	86.8	−14.4	77.2	78.5	100.5	0.087	0.0	0.885	0.007	97	0.866	1.0	0.0	85.6	−16.4	88.2	89.7	100.5
641	641$_{dd}$	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	87.8	−12.7	65.6	66.8	100.9	0.065	0.0	0.766	0.015	97	0.85	1.0	0.0	85.2	−16.9	87.4	89.1	100.9
642	642$_{dd}$	0.875	1.0	0.375	1.0	0.625	0.687	101	0.885	1.0	0.375	88.6	−11.2	53.7	54.9	101.7	0.05	0.0	0.647	0.018	99	0.816	1.0	0.0	84.5	−17.9	86.0	87.8	101.7
643	643$_{dd}$	0.875	1.0	0.5	1.0	0.5	0.75	104	0.883	1.0	0.5	89.4	−9.6	41.8	42.9	102.9	0.044	0.0	0.53	0.023	102	0.766	1.0	0.0	83.3	−19.2	83.7	85.9	102.9
644	644$_{dd}$	0.875	1.0	0.625	1.0	0.375	0.812	109	0.881	1.0	0.625	89.6	−8.5	29.8	31.0	106.0	0.067	0.0	0.419	0.033	108	0.683	1.0	0.0	79.8	−22.8	79.5	82.7	106.0
645	645$_{dd}$	0.875	1.0	0.75	1.0	0.25	0.875	120	0.875	1.0	0.75	89.8	−7.8	16.5	18.2	115.3	0.12	0.0	0.29	0.024	119	0.5	1.0	0.0	72.7	−31.3	66.0	73.1	115.3
646	646$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.0	−8.6	3.5	9.2	157.7	0.214	0.0	0.139	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
647	647$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−3.6	−5.4	6.5	236.1	0.179	0.002	0.0	0.004	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1

Mean color difference of this page: **delta**

1−1031530−F0

PE440−7N, Page 16/22−F

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk −> rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
648	648$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
649	649$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9	0.0	1.0	0.882	0.0	383	1.0	0.0	0.116	47.4	64.4	35.5	73.6	28.9
650	650$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5	0.0	1.0	0.765	0.0	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
651	651$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6	0.0	1.0	0.631	0.0	368	1.0	0.0	0.366	47.7	66.1	22.3	69.7	18.6
652	652$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6	0.0	1.0	0.5	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
653	653$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5	0.0	1.0	0.368	0.0	351	1.0	0.0	0.633	48.0	69.0	6.6	69.3	5.5
654	654$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8	0.0	1.0	0.234	0.0	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
655	655$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3	0.0	0.999	0.117	0.0	336	1.0	0.0	0.883	48.2	71.7	−4.6	71.8	356.3
656	656$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
657	657$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9	0.0	0.882	1.0	0.0	36	1.0	0.116	0.0	50.9	55.5	46.4	72.3	39.9
658	658$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.3	55.8	36.0	66.5	32.8	0.0	0.874	0.779	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
659	659$_{dd}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	53.4	56.4	30.4	64.1	28.3	0.0	0.874	0.676	0.0	382	1.0	0.0	0.133	47.4	64.5	34.7	73.2	28.3
660	660$_{dd}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	53.7	57.1	24.4	62.1	23.2	0.0	0.875	0.625	0.0	375	1.0	0.0	0.266	47.7	65.2	27.9	71.0	23.2
661	661$_{dd}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	53.7	58.4	16.8	60.8	16.0	0.0	0.875	0.5	0.0	365	1.0	0.0	0.416	47.7	66.7	19.2	69.5	16.0
662	662$_{dd}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	53.8	60.0	8.2	60.5	7.8	0.0	0.875	0.376	0.0	354	1.0	0.0	0.583	47.9	68.6	9.4	69.2	7.8
663	663$_{dd}$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.0	61.5	1.1	61.5	1.0	0.0	0.875	0.25	0.0	344	1.0	0.0	0.733	48.1	70.3	1.3	70.3	1.0
664	664$_{dd}$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	54.1	62.6	−3.5	62.7	356.7	0.0	0.875	0.125	0.0	337	1.0	0.0	0.866	48.2	71.5	−4.0	71.7	356.7
665	665$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	63.7	−7.4	64.1	353.3	0.0	0.885	0.016	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
666	666$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7	0.0	0.765	1.0	0.0	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
667	667$_{dd}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	57.0	47.4	41.3	62.9	41.0	0.0	0.77	0.81	0.0	37	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
668	668$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	47.9	30.9	57.0	32.8	0.0	0.75	0.625	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
669	669$_{dd}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	59.5	48.4	25.4	54.7	27.6	0.0	0.749	0.512	0.0	382	1.0	0.0	0.15	47.5	64.6	33.9	72.9	27.6
670	670$_{dd}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	59.6	49.3	18.8	52.8	20.9	0.0	0.75	0.5	0.0	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
671	671$_{dd}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	59.6	50.7	10.5	51.8	11.6	0.0	0.766	0.376	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
672	672$_{dd}$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	59.9	52.3	3.0	52.3	3.2	0.0	0.76	0.25	0.0	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
673	673$_{dd}$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	60.0	53.5	−2.5	53.6	357.2	0.0	0.77	0.125	0.0	337	1.0	0.0	0.85	48.2	71.4	−3.3	71.5	357.2
674	674$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.0	54.6	−6.4	55.0	353.3	0.0	0.777	0.011	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
675	675$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4	0.0	0.631	1.0	0.0	51	1.0	0.366	0.0	61.0	34.0	59.9	68.9	60.4
676	676$_{dd}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	61.5	37.6	47.3	60.4	51.5	0.0	0.635	0.831	0.0	44	1.0	0.266	0.0	56.7	43.0	54.1	69.1	51.5
677	677$_{dd}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	63.0	39.6	36.1	53.6	42.3	0.0	0.647	0.647	0.0	37	1.0	0.15	0.0	52.1	52.8	48.1	71.5	42.3
678	678$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	39.9	25.7	47.5	32.8	0.0	0.625	0.5	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
679	679$_{dd}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	65.5	40.5	20.1	45.2	26.4	0.0	0.623	0.498	0.0	380	1.0	0.0	0.183	47.5	64.8	32.2	72.4	26.4
680	680$_{dd}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	65.6	41.4	13.3	43.5	17.8	0.0	0.633	0.376	0.0	367	1.0	0.0	0.383	47.7	66.3	21.3	69.6	17.8
681	681$_{dd}$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	65.8	43.0	4.7	43.3	6.2	0.0	0.633	0.25	0.0	352	1.0	0.0	0.616	48.0	68.8	7.5	69.2	6.2
682	682$_{dd}$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	65.9	44.4	−1.3	44.4	358.3	0.0	0.645	0.125	0.0	339	1.0	0.0	0.816	48.2	71.1	−2.1	71.1	358.3
683	683$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	45.5	−5.3	45.8	353.3	0.0	0.663	0.008	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
684	684$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4	0.0	0.498	0.999	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
685	685$_{dd}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	67.3	26.1	55.0	60.9	64.6	0.0	0.5	0.875	0.0	54	1.0	0.416	0.0	63.3	29.8	62.9	69.6	64.6
686	686$_{dd}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	68.0	28.9	42.8	51.7	55.9	0.0	0.498	0.682	0.0	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
687	687$_{dd}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	69.2	31.3	31.2	44.2	44.9	0.0	0.625	0.625	0.0	39	1.0	0.183	0.0	53.4	50.1	49.9	70.7	44.9
688	688$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	0.0	0.5	0.375	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
689	689$_{dd}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	71.5	32.5	14.8	35.7	24.5	0.0	0.5	0.375	0.0	377	1.0	0.0	0.233	47.6	65.0	29.7	71.5	24.5
690	690$_{dd}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	71.6	33.8	7.0	34.5	11.6	0.0	0.5	0.25	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
691	691$_{dd}$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	71.8	35.3	−0.1	35.3	359.8	0.0	0.509	0.072	0.0	342	1.0	0.0	0.766	48.1	70.6	−0.2	70.6	359.8
692	692$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	0.0	0.538	0.009	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
693	693$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2	0.0	0.368	1.0	0.0	68	1.0	0.633	0.0	74.0	10.4	76.6	77.3	82.2
694	694$_{dd}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	74.4	13.2	64.3	65.7	78.3	0.0	0.377	0.874	0.0	65	1.0	0.583	0.0	71.5	15.1	73.5	75.0	78.3
695	695$_{dd}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	74.2	16.9	50.7	53.4	71.4	0.0	0.383	0.749	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
696	696$_{dd}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	74.4	20.3	38.0	43.1	61.8	0.0	0.395	0.557	0.0	52	1.0	0.383	0.0	61.8	32.5	60.8	69.0	61.8
697	697$_{dd}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	75.4	22.9	26.1	34.7	48.7	0.0	0.5	0.5	0.0	42	1.0	0.233	0.0	55.3	45.8	52.2	69.5	48.7
698	698$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.4	23.9	15.4	28.5	32.8	0.0	0.398	0.376	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
699	699$_{dd}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	77.5	24.6	9.4	26.4	20.9	0.0	0.389	0.25	0.0	371	1.0	0.0	0.316	47.7	65.7	25.1	70.4	20.9
700	700$_{dd}$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	77.7	26.1	1.5	26.1	3.2	0.0	0.411	0.073	0.0	348	1.0	0.0	0.683	48.1	69.7	4.0	69.8	3.2
701	701$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.7	27.3	−3.2	27.5	353.3	0.0	0.426	0.008	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
702	702$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2	0.0	0.234	1.0	0.0	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
703	703$_{dd}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	80.6	2.9	71.9	72.0	87.6	0.0	0.233	0.874	0.0	75	1.0	0.733	0.0	78.5	3.3	82.2	82.3	87.6
704	704$_{dd}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	81.0	5.2	59.6	59.8	84.9	0.0	0.25	0.75	0.0	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
705	705$_{dd}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	81.5	7.4	47.2	47.8	81.0	0.0	0.25	0.625	0.0	67	1.0	0.616	0.0	73.2	11.8	75.6	76.6	81.0
706	706$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	81.3	11.3	33.8	35.6	71.4	0.0	0.251	0.498	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
707	707$_{dd}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	81.7	14.4	21.4	25.8	55.9	0.0	0.375	0.375	0.0	48	1.0	0.316	0.0	58.9	38.6	57.1	69.0	55.9
708	708$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.4	15.9	10.3	19.0	32.8	0.0	0.376	0.25	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
709	709$_{dd}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	83.5	16.9	3.5	17.2	11.6	0.0	0.279	0.076	0.0	360	1.0	0.0	0.5	47.7	67.7	14.0	69.1	11.6
710	710$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.6	18.2	−2.1	18.3	353.3	0.0	0.3	0.007	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
711	711$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8	0.0	0.117	1.0	0.0	83	1.0	0.883	0.0	84.5	−6.1	89.8	90.0	93.8
712	712$_{dd}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	85.3	−4.5	77.9	78.0	93.3	0.0	0.114	0.876	0.0	82	1.0	0.866	0.0	83.9	−5.1	89.0	89.2	93.3
713	713$_{dd}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	86.3	−3.0	66.1	66.2	92.6	0.0	0.126	0.75	0.0	81	1.0	0.85	0.0	83.2	−4.0	88.2	88.3	92.6
714	714$_{dd}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	87.0	−1.2	54.1	54.1	91.2	0.0	0.122	0.623	0.0	80	1.0	0.816	0.0	81.9	−1.9	86.5	86.5	91.2
715	715$_{dd}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	87.7	0.5	41.9	41.9	89.2	0.0	0.127	0.498	0.0	77	1.0	0.766	0.0	79.9	1.0	83.9	83.9	89.2
716	716$_{dd}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	88.2	2.6	29.8	29.9	84.9	0.0	0.132	0.376	0.0	71	1.0	0.683	0.0	76.2	7.0	79.5	79.8	84.9
717	717$_{dd}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	88.4	5.6	16.9	17.8	71.4	0.0	0.145	0.25	0.0	59	1.0	0.5	0.0	67.2	22.6	67.6	71.2	71.4
718	718$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.4	7.9	5.1	9.5	32.8	0.0	0.15	0.08	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
719	719$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.5	9.1	−1.0	9.1	353.3	0.0	0.161	0.007	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
720	720$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	0.0	0.999	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
721	721$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	89.2	−10.4	83.2	83.8	97.1	0.0	0.006	0.882	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
722	722$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.1	−8.9	71.3	71.9	97.1	0.0	0.014	0.766	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
723	723$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.0	−7.4	59.4	59.9	97.1	0.0	0.018	0.64	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
724	724$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1	0.0	0.021	0.53	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
725	725$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.8	−4.4	35.6	35.9	97.1	0.0	0.02	0.416	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
726	726$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.7	−2.9	23.7	23.9	97.1	0.0	0.018	0.292	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
727	727$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	94.5	−1.4	11.8	11.9	97.1	0.0	0.014	0.155	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
728	728$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'$*, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6* (CMYK)

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 18/22

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_F,dd	rgb*Fdd			LabCh*Fdd					cmyn*sep,Fdd				hsiM,dd	rgb*Mdd			LabCh*Mdd				
729	729dd	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
730	730dd	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	90.8	−3.6	−5.4	6.5	236.1	0.179	0.002	0.0	0.004	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
731	731dd	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.1	−7.3	−10.9	13.1	236.1	0.324	0.0	0.0	0.002	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
732	732dd	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.5	−10.9	−16.4	19.7	236.1	0.455	0.0	0.002	0.001	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
733	733dd	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.9	−14.6	−21.8	26.3	236.1	0.597	0.0	0.004	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
734	734dd	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	72.2	−18.3	−27.3	32.9	236.1	0.69	0.0	0.001	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
735	735dd	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	67.6	−21.9	−32.8	39.4	236.1	0.787	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
736	736dd	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.9	−25.6	−38.2	46.0	236.1	0.906	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
737	737dd	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
738	738dd	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	89.4	7.9	5.1	9.5	32.8	0.0	0.15	0.08	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
739	739dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
740	740dd	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.1	−3.6	−5.4	6.5	236.1	0.202	0.011	0.0	0.167	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
741	741dd	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−7.3	−10.9	13.1	236.1	0.358	0.013	0.0	0.169	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
742	742dd	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.8	−10.9	−16.4	19.7	236.1	0.523	0.014	0.0	0.168	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
743	743dd	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	67.1	−14.6	−21.8	26.3	236.1	0.63	0.016	0.0	0.165	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
744	744dd	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	62.5	−18.3	−27.3	32.9	236.1	0.746	0.018	0.0	0.165	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
745	745dd	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	57.9	−21.9	−32.8	39.4	236.1	0.874	0.027	0.0	0.165	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
746	746dd	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	53.2	−25.6	−38.2	46.0	236.1	0.971	0.042	0.0	0.161	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
747	747dd	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	83.4	15.9	10.3	19.0	32.8	0.0	0.376	0.25	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
748	748dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	79.7	7.9	5.1	9.5	32.8	0.0	0.215	0.144	0.142	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
749	749dd	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
750	750dd	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−3.6	−5.4	6.5	236.1	0.224	0.015	0.0	0.308	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
751	751dd	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.7	−7.3	−10.9	13.1	236.1	0.411	0.018	0.0	0.313	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
752	752dd	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	62.1	−10.9	−16.4	19.7	236.1	0.55	0.024	0.0	0.305	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
753	753dd	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	57.4	−14.6	−21.8	26.3	236.1	0.689	0.03	0.0	0.302	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
754	754dd	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	52.8	−18.3	−27.3	32.9	236.1	0.833	0.041	0.0	0.305	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
755	755dd	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	48.1	−21.9	−32.8	39.4	236.1	0.935	0.057	0.0	0.31	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
756	756dd	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	77.4	23.9	15.4	28.5	32.8	0.0	0.398	0.376	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
757	757dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	73.7	15.9	10.3	19.0	32.8	0.0	0.376	0.268	0.113	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
758	758dd	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.0	7.9	5.1	9.5	32.8	0.0	0.244	0.168	0.283	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
759	759dd	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
760	760dd	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.6	−3.6	−5.4	6.5	236.1	0.256	0.019	0.0	0.453	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
761	761dd	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	57.0	−7.3	−10.9	13.1	236.1	0.439	0.029	0.0	0.447	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
762	762dd	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	52.3	−10.9	−16.4	19.7	236.1	0.61	0.038	0.0	0.442	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
763	763dd	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	47.7	−14.6	−21.8	26.3	236.1	0.776	0.049	0.0	0.446	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
764	764dd	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	43.1	−18.3	−27.3	32.9	236.1	0.884	0.054	0.0	0.462	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
765	765dd	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	71.4	31.9	20.6	38.0	32.8	0.0	0.5	0.375	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
766	766dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	67.7	23.9	15.4	28.5	32.8	0.0	0.503	0.382	0.098	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
767	767dd	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.0	15.9	10.3	19.0	32.8	0.0	0.41	0.305	0.26	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
768	768dd	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.2	7.9	5.1	9.5	32.8	0.0	0.283	0.187	0.416	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
769	769dd	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
770	770dd	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.9	−3.6	−5.4	6.5	236.1	0.274	0.026	0.0	0.582	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
771	771dd	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	47.3	−7.3	−10.9	13.1	236.1	0.5	0.041	0.0	0.577	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
772	772dd	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	42.6	−10.9	−16.4	19.7	236.1	0.699	0.048	0.0	0.587	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
773	773dd	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	38.0	−14.6	−21.8	26.3	236.1	0.807	0.052	0.0	0.61	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
774	774dd	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	65.4	39.9	25.7	47.5	32.8	0.0	0.625	0.5	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
775	775dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	61.6	31.9	20.6	38.0	32.8	0.0	0.617	0.493	0.096	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
776	776dd	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	57.9	23.9	15.4	28.5	32.8	0.0	0.546	0.436	0.25	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
777	777dd	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.2	15.9	10.3	19.0	32.8	0.0	0.474	0.339	0.394	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
778	778dd	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.5	7.9	5.1	9.5	32.8	0.0	0.322	0.234	0.553	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
779	779dd	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
780	780dd	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	42.2	−3.6	−5.4	6.5	236.1	0.334	0.044	0.0	0.692	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
781	781dd	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	37.5	−7.3	−10.9	13.1	236.1	0.588	0.055	0.0	0.703	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
782	782dd	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	32.9	−10.9	−16.4	19.7	236.1	0.707	0.048	0.0	0.73	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
783	783dd	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	59.3	47.9	30.9	57.0	32.8	0.0	0.75	0.625	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
784	784dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	55.6	39.9	25.7	47.5	32.8	0.0	0.729	0.614	0.112	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
785	785dd	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	51.9	31.9	20.6	38.0	32.8	0.0	0.672	0.561	0.252	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
786	786dd	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.2	23.9	15.4	28.5	32.8	0.0	0.626	0.49	0.39	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
787	787dd	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.5	15.9	10.3	19.0	32.8	0.0	0.529	0.414	0.535	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
788	788dd	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	40.8	7.9	5.1	9.5	32.8	0.0	0.375	0.279	0.673	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
789	789dd	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
790	790dd	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	32.5	−3.6	−5.4	6.5	236.1	0.433	0.057	0.0	0.797	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
791	791dd	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	27.8	−7.3	−10.9	13.1	236.1	0.614	0.085	0.0	0.804	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
792	792dd	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	53.3	55.8	36.0	66.5	32.8	0.0	0.874	0.779	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
793	793dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	49.6	47.9	30.9	57.0	32.8	0.0	0.836	0.76	0.135	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
794	794dd	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	45.9	39.9	25.7	47.5	32.8	0.0	0.792	0.701	0.257	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
795	795dd	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.2	31.9	20.6	38.0	32.8	0.0	0.764	0.648	0.401	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
796	796dd	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	38.5	23.9	15.4	28.5	32.8	0.0	0.695	0.582	0.535	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
797	797dd	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	34.8	15.9	10.3	19.0	32.8	0.0	0.612	0.481	0.657	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
798	798dd	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	31.1	7.9	5.1	9.5	32.8	0.0	0.474	0.336	0.774	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
799	799dd	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
800	800dd	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	22.7	−3.6	−5.4	6.5	236.1	0.466	0.035	0.0	0.882	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
801	801dd	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
802	802dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	43.6	55.8	36.0	66.5	32.8	0.0	0.963	0.971	0.161	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
803	803dd	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	39.9	47.9	30.9	57.0	32.8	0.0	0.934	0.912	0.285	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
804	804dd	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.2	39.9	25.7	47.5	32.8	0.0	0.901	0.873	0.418	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
805	805dd	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	32.5	31.9	20.6	38.0	32.8	0.0	0.845	0.803	0.544	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
806	806dd	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	28.8	23.9	15.4	28.5	32.8	0.0	0.771	0.711	0.66	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
807	807dd	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	25.1	15.9	10.3	19.0	32.8	0.0	0.662	0.617	0.769	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
808	808dd	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	21.4	7.9	5.1	9.5	32.8	0.0	0.484	0.476	0.874	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
809	809dd	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

1−1031730−F0

PE440−7N, Page 18/22−F

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> rgb_{dd}
output: 3D-linearization to $cmyk^*_{dd}$

1−1031730−F0

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
810	810$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
811	811$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	86.7	2.9	−5.9	6.6	296.4	0.14	0.124	0.0	0.018	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
812	812$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	77.9	5.8	−11.8	13.2	296.4	0.283	0.233	0.0	0.013	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
813	813$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	69.1	8.8	−17.7	19.8	296.4	0.395	0.355	0.0	0.011	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
814	814$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	60.4	11.7	−23.6	26.4	296.4	0.54	0.457	0.0	0.008	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
815	815$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	51.6	14.6	−29.5	33.0	296.4	0.656	0.564	0.0	0.001	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
816	816$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	42.8	17.6	−35.5	39.6	296.4	0.737	0.703	0.0	0.006	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
817	817$_{dd}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	34.1	20.5	−41.4	46.2	296.4	0.887	0.837	0.0	0.022	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
818	818$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
819	819$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	94.5	−1.4	11.8	11.9	97.1	0.0	0.014	0.155	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
820	820$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
821	821$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	76.9	2.9	−5.9	6.6	296.4	0.149	0.141	0.0	0.188	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
822	822$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	68.2	5.8	−11.8	13.2	296.4	0.303	0.281	0.0	0.187	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
823	823$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	59.4	8.8	−17.7	19.8	296.4	0.465	0.412	0.0	0.186	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
824	824$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	50.6	11.7	−23.6	26.4	296.4	0.59	0.533	0.0	0.18	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
825	825$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	41.9	14.6	−29.5	33.0	296.4	0.701	0.668	0.0	0.182	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
826	826$_{dd}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	33.1	17.6	−35.5	39.6	296.4	0.851	0.793	0.0	0.196	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
827	827$_{dd}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	24.3	20.5	−41.4	46.2	296.4	0.964	0.945	0.0	0.193	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
828	828$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	93.7	−2.9	23.7	23.9	97.1	0.0	0.018	0.292	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
829	829$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	84.8	−1.4	11.8	11.9	97.1	0.0	0.041	0.202	0.158	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
830	830$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
831	831$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	67.2	2.9	−5.9	6.6	296.4	0.164	0.164	0.0	0.331	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
832	832$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	58.4	5.8	−11.8	13.2	296.4	0.352	0.323	0.0	0.335	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
833	833$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	49.7	8.8	−17.7	19.8	296.4	0.506	0.471	0.0	0.327	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
834	834$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	40.9	11.7	−23.6	26.4	296.4	0.65	0.626	0.0	0.324	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
835	835$_{dd}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	32.1	14.6	−29.5	33.0	296.4	0.807	0.756	0.0	0.34	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
836	836$_{dd}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	23.4	17.6	−35.5	39.6	296.4	0.925	0.904	0.0	0.344	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
837	837$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	92.8	−4.4	35.6	35.9	97.1	0.0	0.02	0.416	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
838	838$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	83.9	−2.9	23.7	23.9	97.1	0.0	0.068	0.371	0.141	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
839	839$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.1	−1.4	11.8	11.9	97.1	0.0	0.051	0.23	0.293	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
840	840$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
841	841$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	57.5	2.9	−5.9	6.6	296.4	0.195	0.19	0.0	0.471	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
842	842$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	48.7	5.8	−11.8	13.2	296.4	0.39	0.38	0.0	0.466	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
843	843$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	40.0	8.8	−17.7	19.8	296.4	0.569	0.557	0.0	0.461	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
844	844$_{dd}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	31.2	11.7	−23.6	26.4	296.4	0.752	0.697	0.0	0.475	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
845	845$_{dd}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	22.4	14.6	−29.5	33.0	296.4	0.878	0.849	0.0	0.474	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
846	846$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	91.9	−5.9	47.5	47.9	97.1	0.0	0.021	0.53	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
847	847$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	83.0	−4.4	35.6	35.9	97.1	0.0	0.08	0.514	0.134	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
848	848$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	74.2	−2.9	23.7	23.9	97.1	0.0	0.08	0.419	0.279	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
849	849$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.4	−1.4	11.8	11.9	97.1	0.0	0.057	0.259	0.428	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
850	850$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
851	851$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	47.8	2.9	−5.9	6.6	296.4	0.214	0.23	0.0	0.602	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
852	852$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	39.0	5.8	−11.8	13.2	296.4	0.461	0.461	0.0	0.599	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
853	853$_{dd}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	30.2	8.8	−17.7	19.8	296.4	0.684	0.638	0.0	0.608	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
854	854$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	21.5	11.7	−23.6	26.4	296.4	0.812	0.802	0.0	0.601	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
855	855$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	91.0	−7.4	59.4	59.9	97.1	0.0	0.018	0.64	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
856	856$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	82.2	−5.9	47.5	47.9	97.1	0.0	0.083	0.639	0.133	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
857	857$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	73.3	−4.4	35.6	35.9	97.1	0.0	0.092	0.574	0.274	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
858	858$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	64.5	−2.9	23.7	23.9	97.1	0.0	0.085	0.462	0.414	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
859	859$_{dd}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.7	−1.4	11.8	11.9	97.1	0.0	0.067	0.313	0.562	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
860	860$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
861	861$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	38.1	2.9	−5.9	6.6	296.4	0.261	0.285	0.0	0.711	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
862	862$_{dd}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	29.3	5.8	−11.8	13.2	296.4	0.565	0.542	0.0	0.722	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
863	863$_{dd}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	20.5	8.8	−17.7	19.8	296.4	0.723	0.723	0.0	0.714	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
864	864$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	90.1	−8.9	71.3	71.9	97.1	0.0	0.014	0.766	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
865	865$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	81.3	−7.4	59.4	59.9	97.1	0.0	0.075	0.763	0.139	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
866	866$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	72.4	−5.9	47.5	47.9	97.1	0.0	0.089	0.714	0.276	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
867	867$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	63.6	−4.4	35.6	35.9	97.1	0.0	0.095	0.633	0.41	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
868	868$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	54.8	−2.9	23.7	23.9	97.1	0.0	0.102	0.542	0.547	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
869	869$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.9	−1.4	11.8	11.9	97.1	0.0	0.069	0.367	0.683	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
870	870$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
871	871$_{dd}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	28.3	2.9	−5.9	6.6	296.4	0.377	0.382	0.0	0.807	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
872	872$_{dd}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	19.6	5.8	−11.8	13.2	296.4	0.608	0.608	0.0	0.808	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
873	873$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	89.2	−10.4	83.2	83.8	97.1	0.0	0.006	0.882	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
874	874$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	80.4	−8.9	71.3	71.9	97.1	0.0	0.054	0.887	0.15	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
875	875$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	71.5	−7.4	59.4	59.9	97.1	0.0	0.077	0.849	0.282	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
876	876$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	62.7	−5.9	47.5	47.9	97.1	0.0	0.091	0.793	0.413	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
877	877$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	53.9	−4.4	35.6	35.9	97.1	0.0	0.113	0.735	0.546	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
878	878$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.0	−2.9	23.7	23.9	97.1	0.0	0.107	0.633	0.675	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
879	879$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	36.2	−1.4	11.8	11.9	97.1	0.0	0.096	0.459	0.78	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
880	880$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
881	881$_{dd}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	18.6	2.9	−5.9	6.6	296.4	0.431	0.429	0.0	0.896	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
882	882$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	0.0	0.999	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
883	883$_{dd}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	79.5	−10.4	83.2	83.8	97.1	0.0	0.027	0.97	0.165	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
884	884$_{dd}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	70.7	−8.9	71.3	71.9	97.1	0.0	0.057	0.94	0.292	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
885	885$_{dd}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	61.8	−7.4	59.4	59.9	97.1	0.0	0.161	0.915	0.376	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
886	886$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	53.0	−5.9	47.5	47.9	97.1	0.0	0.204	0.868	0.498	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
887	887$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.2	−4.4	35.6	35.9	97.1	0.0	0.132	0.761	0.672	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
888	888$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.3	−2.9	23.7	23.9	97.1	0.0	0.155	0.65	0.778	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
889	889$_{dd}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	26.5	−1.4	11.8	11.9	97.1	0.0	0.057	0.518	0.858	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
890	890$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
891	891$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
892	892$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	89.5	9.1	−1.0	9.1	353.3	0.0	0.161	0.007	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
893	893$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	83.6	18.2	−2.1	18.3	353.3	0.0	0.3	0.007	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
894	894$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	77.7	27.3	−3.2	27.5	353.3	0.0	0.426	0.008	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
895	895$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	71.8	36.4	−4.2	36.6	353.3	0.0	0.538	0.009	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
896	896$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	65.9	45.5	−5.3	45.8	353.3	0.0	0.663	0.008	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
897	897$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	60.0	54.6	−6.4	55.0	353.3	0.0	0.777	0.011	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
898	898$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	54.1	63.7	−7.4	64.1	353.3	0.0	0.885	0.016	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
899	899$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
900	900$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	90.0	−8.6	3.5	9.2	157.7	0.214	0.0	0.139	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
901	901$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
902	902$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	79.8	9.1	−1.0	9.1	353.3	0.0	0.198	0.021	0.16	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
903	903$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	73.9	18.2	−2.1	18.3	353.3	0.0	0.373	0.048	0.14	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
904	904$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.0	27.3	−3.2	27.5	353.3	0.0	0.509	0.066	0.129	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
905	905$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	62.1	36.4	−4.2	36.6	353.3	0.0	0.624	0.077	0.129	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
906	906$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	56.2	45.5	−5.3	45.8	353.3	0.0	0.733	0.08	0.136	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
907	907$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	50.3	54.6	−6.4	55.0	353.3	0.0	0.842	0.072	0.15	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
908	908$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	44.4	63.7	−7.4	64.1	353.3	0.0	0.96	0.035	0.174	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
909	909$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	84.5	−17.2	7.0	18.5	157.7	0.352	0.0	0.25	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
910	910$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	80.3	−8.6	3.5	9.2	157.7	0.25	0.0	0.174	0.149	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
911	911$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
912	912$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.1	9.1	−1.0	9.1	353.3	0.0	0.229	0.03	0.298	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
913	913$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.2	18.2	−2.1	18.3	353.3	0.0	0.401	0.06	0.28	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
914	914$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.3	27.3	−3.2	27.5	353.3	0.0	0.546	0.078	0.273	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
915	915$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	52.4	36.4	−4.2	36.6	353.3	0.0	0.678	0.084	0.274	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
916	916$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	46.5	45.5	−5.3	45.8	353.3	0.0	0.802	0.084	0.277	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
917	917$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	40.6	54.6	−6.4	55.0	353.3	0.0	0.929	0.074	0.301	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
918	918$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	79.1	−25.8	10.5	27.8	157.7	0.489	0.0	0.376	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
919	919$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	74.8	−17.2	7.0	18.5	157.7	0.435	0.0	0.336	0.117	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
920	920$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	70.5	−8.6	3.5	9.2	157.7	0.274	0.0	0.201	0.292	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
921	921$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
922	922$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.4	9.1	−1.0	9.1	353.3	0.0	0.267	0.036	0.432	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
923	923$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.5	18.2	−2.1	18.3	353.3	0.0	0.463	0.07	0.416	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
924	924$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.6	27.3	−3.2	27.5	353.3	0.0	0.621	0.094	0.415	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
925	925$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	42.7	36.4	−4.2	36.6	353.3	0.0	0.762	0.109	0.422	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
926	926$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	36.8	45.5	−5.3	45.8	353.3	0.0	0.894	0.107	0.433	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
927	927$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	73.7	−34.4	14.0	37.1	157.7	0.634	0.0	0.498	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
928	928$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	69.4	−25.8	10.5	27.8	157.7	0.599	0.0	0.469	0.093	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
929	929$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	65.1	−17.2	7.0	18.5	157.7	0.486	0.0	0.374	0.268	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
930	930$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	60.8	−8.6	3.5	9.2	157.7	0.312	0.0	0.234	0.441	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
931	931$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
932	932$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.6	9.1	−1.0	9.1	353.3	0.0	0.303	0.051	0.569	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
933	933$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.7	18.2	−2.1	18.3	353.3	0.0	0.516	0.091	0.555	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
934	934$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.8	27.3	−3.2	27.5	353.3	0.0	0.688	0.116	0.552	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
935	935$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	36.4	−4.2	36.6	353.3	0.0	0.837	0.118	0.559	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
936	936$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	68.2	−43.0	17.5	46.4	157.7	0.75	0.0	0.625	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
937	937$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	63.9	−34.4	14.0	37.1	157.7	0.701	0.0	0.565	0.079	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
938	938$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	59.7	−25.8	10.5	27.8	157.7	0.624	0.0	0.497	0.247	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
939	939$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	55.4	−17.2	7.0	18.5	157.7	0.511	0.0	0.409	0.412	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
940	940$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.1	−8.6	3.5	9.2	157.7	0.326	0.0	0.268	0.566	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
941	941$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
942	942$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.9	9.1	−1.0	9.1	353.3	0.0	0.357	0.051	0.686	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
943	943$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	35.0	18.2	−2.1	18.3	353.3	0.0	0.596	0.09	0.676	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
944	944$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	29.1	27.3	−3.2	27.5	353.3	0.0	0.755	0.11	0.679	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
945	945$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	62.8	−51.6	21.0	55.7	157.7	0.875	0.0	0.75	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
946	946$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	58.5	−43.0	17.5	46.4	157.7	0.82	0.0	0.688	0.093	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
947	947$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	54.2	−34.4	14.0	37.1	157.7	0.768	0.0	0.632	0.248	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
948	948$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	49.9	−25.8	10.5	27.8	157.7	0.688	0.0	0.571	0.403	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
949	949$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	45.7	−17.2	7.0	18.5	157.7	0.573	0.0	0.475	0.545	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
950	950$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.4	−8.6	3.5	9.2	157.7	0.38	0.0	0.321	0.684	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
951	951$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
952	952$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	31.2	9.1	−1.0	9.1	353.3	0.0	0.449	0.052	0.791	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
953	953$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	25.3	18.2	−2.1	18.3	353.3	0.0	0.637	0.108	0.788	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
954	954$_{dd}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	57.3	−60.2	24.6	65.0	157.7	0.919	0.0	0.874	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
955	955$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	53.1	−51.6	21.0	55.7	157.7	0.913	0.0	0.824	0.132	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
956	956$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	48.8	−43.0	17.5	46.4	157.7	0.883	0.0	0.77	0.273	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
957	957$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	44.5	−34.4	14.0	37.1	157.7	0.836	0.0	0.715	0.421	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
958	958$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	40.2	−25.8	10.5	27.8	157.7	0.764	0.0	0.649	0.56	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
959	959$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	35.9	−17.2	7.0	18.5	157.7	0.658	0.0	0.559	0.692	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
960	960$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.7	−8.6	3.5	9.2	157.7	0.476	0.0	0.412	0.793	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
961	961$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
962	962$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	21.5	9.1	−1.0	9.1	353.3	0.0	0.484	0.079	0.874	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3
963	963$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
964	964$_{dd}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	47.6	−60.2	24.6	65.0	157.7	0.978	0.0	0.974	0.125	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
965	965$_{dd}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	43.3	−51.6	21.0	55.7	157.7	0.934	0.0	0.931	0.313	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
966	966$_{dd}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	39.1	−43.0	17.5	46.4	157.7	0.887	0.0	0.885	0.453	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
967	967$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	34.8	−34.4	14.0	37.1	157.7	0.818	0.0	0.818	0.591	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
968	968$_{dd}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	30.5	−25.8	10.5	27.8	157.7	0.72	0.0	0.72	0.717	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
969	969$_{dd}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.2	−17.2	7.0	18.5	157.7	0.614	0.0	0.614	0.804	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
970	970$_{dd}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.9	−8.6	3.5	9.2	157.7	0.483	0.0	0.483	0.875	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
971	971$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*cmyn**$_{sep,Fdd}$				$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
972	972$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
973	973$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
974	974$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
975	975$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
976	976$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
977	977$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
978	978$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
979	979$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
980	980$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
981	981$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
982	982$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
983	983$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
984	984$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
985	985$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
986	986$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
987	987$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
988	988$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
989	989$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
990	990$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
991	991$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
992	992$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
993	993$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
994	994$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
995	995$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
996	996$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
997	997$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
998	998$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
999	999$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1000	1000$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	27.4	0.0	0.0	0.0	0.0	0.037	0.041	0.878	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1001	1001$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	37.1	0.0	0.0	0.0	0.031	0.021	0.0	0.791	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1002	1002$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.034	0.018	0.0	0.69	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1003	1003$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.5	0.0	0.0	0.0	0.026	0.01	0.0	0.581	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1004	1004$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.3	0.0	0.0	0.0	0.02	0.01	0.0	0.443	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1005	1005$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.0	0.0	0.0	0.0	0.018	0.009	0.0	0.306	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1006	1006$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	85.7	0.0	0.0	0.0	0.023	0.007	0.0	0.17	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1007	1007$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1008	1008$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1009	1009$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1010	1010$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1011	1011$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1012	1012$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1013	1013$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1014	1014$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1015	1015$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1016	1016$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1017	1017$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1018	1018$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1019	1019$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1020	1020$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1021	1021$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1022	1022$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1023	1023$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1024	1024$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1025	1025$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1026	1026$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1027	1027$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1028	1028$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1029	1029$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1030	1030$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1031	1031$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1032	1032$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1033	1033$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1034	1034$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1035	1035$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1036	1036$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1037	1037$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1038	1038$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1039	1039$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1040	1040$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1041	1041$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1042	1042$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1043	1043$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1044	1044$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1045	1045$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1046	1046$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1047	1047$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1048	1048$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1049	1049$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1050	1050$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1051	1051$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1052	1052$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, Δ*E'**, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{dd}$
output: 3D-linearization to *cmyk**$_{dd}$

http://130.149.60.45/~farbmetrik/PE44/PE44L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE44/PE44LE30FP.DAT in file (F), page 22/22

n	HIC*$_{\text{Fdd}}$	*rgb*$_{\text{\_Fdd}}$			*ict*$_{\text{\_Fdd}}$			*h*$_{\text{si\_F,dd}}$	*rgb**$_{\text{Fdd}}$			*LabCh**$_{\text{Fdd}}$					*cmyn**$_{\text{sep,Fdd}}$				*h*$_{\text{siM,dd}}$	*rgb**$_{\text{Mdd}}$			*LabCh**$_{\text{Mdd}}$				
1053	1053$_{\text{dd}}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1054	1054$_{\text{dd}}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1055	1055$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1056	1056$_{\text{dd}}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1057	1057$_{\text{dd}}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	22.8	0.0	0.0	0.0	0.0	0.139	0.022	0.0	0.933	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1058	1058$_{\text{dd}}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	28.0	0.0	0.0	0.0	0.0	0.0	0.043	0.048	0.871	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1059	1059$_{\text{dd}}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	33.2	0.0	0.0	0.0	0.0	0.057	0.036	0.0	0.825	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1060	1060$_{\text{dd}}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	38.3	0.0	0.0	0.0	0.0	0.013	0.015	0.0	0.781	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1061	1061$_{\text{dd}}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	43.6	0.0	0.0	0.0	0.0	0.0	0.016	0.005	0.731	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1062	1062$_{\text{dd}}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.8	0.0	0.0	0.0	0.0	0.027	0.013	0.0	0.672	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1063	1063$_{\text{dd}}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.9	0.0	0.0	0.0	0.0	0.0	0.019	0.018	0.628	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1064	1064$_{\text{dd}}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	59.1	0.0	0.0	0.0	0.0	0.021	0.007	0.0	0.541	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1065	1065$_{\text{dd}}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.3	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.478	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1066	1066$_{\text{dd}}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.5	0.0	0.0	0.0	0.0	0.006	0.005	0.0	0.405	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1067	1067$_{\text{dd}}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.7	0.0	0.0	0.0	0.0	0.021	0.011	0.0	0.322	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1068	1068$_{\text{dd}}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	79.9	0.0	0.0	0.0	0.0	0.0	0.007	0.005	0.26	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1069	1069$_{\text{dd}}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.0	0.0	0.0	0.0	0.0	0.024	0.007	0.0	0.179	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1070	1070$_{\text{dd}}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.2	0.0	0.0	0.0	0.0	0.02	0.005	0.0	0.084	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1071	1071$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1072	1072$_{\text{dd}}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1073	1073$_{\text{dd}}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0
1074	1074$_{\text{dd}}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	1.0	1.0	0.0	389	1.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8
1075	1075$_{\text{dd}}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1	0.999	0.0	0.0	0.0	210	0.0	1.0	1.0	58.3	−29.2	−43.7	52.6	236.1
1076	1076$_{\text{dd}}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1	0.0	0.0	0.999	0.0	89	1.0	1.0	0.0	88.3	−11.9	95.1	95.8	97.1
1077	1077$_{\text{dd}}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4	1.0	1.0	0.0	0.0	270	0.0	0.0	1.0	25.3	23.5	−47.3	52.8	296.4
1078	1078$_{\text{dd}}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7	0.999	0.0	1.0	0.0	149	0.0	1.0	0.0	51.9	−68.8	28.1	74.3	157.7
1079	1079$_{\text{dd}}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	48.2	72.8	−8.5	73.3	353.3

Mean color difference of this page: **delta**

TUB-test chart PE44; standard test chart
colors and differences, $\Delta E'^*$, 3D=1, de=0, *cmyk**

input: *rgb/cmyk* −> *rgb*$_{\text{dd}}$
output: 3D-linearization to *cmyk**$_{\text{dd}}$

see similar files: http://130.149.60.45/~farbmetrik/PE44/PE44.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-PE44/PE44L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyn6* (CMYK)