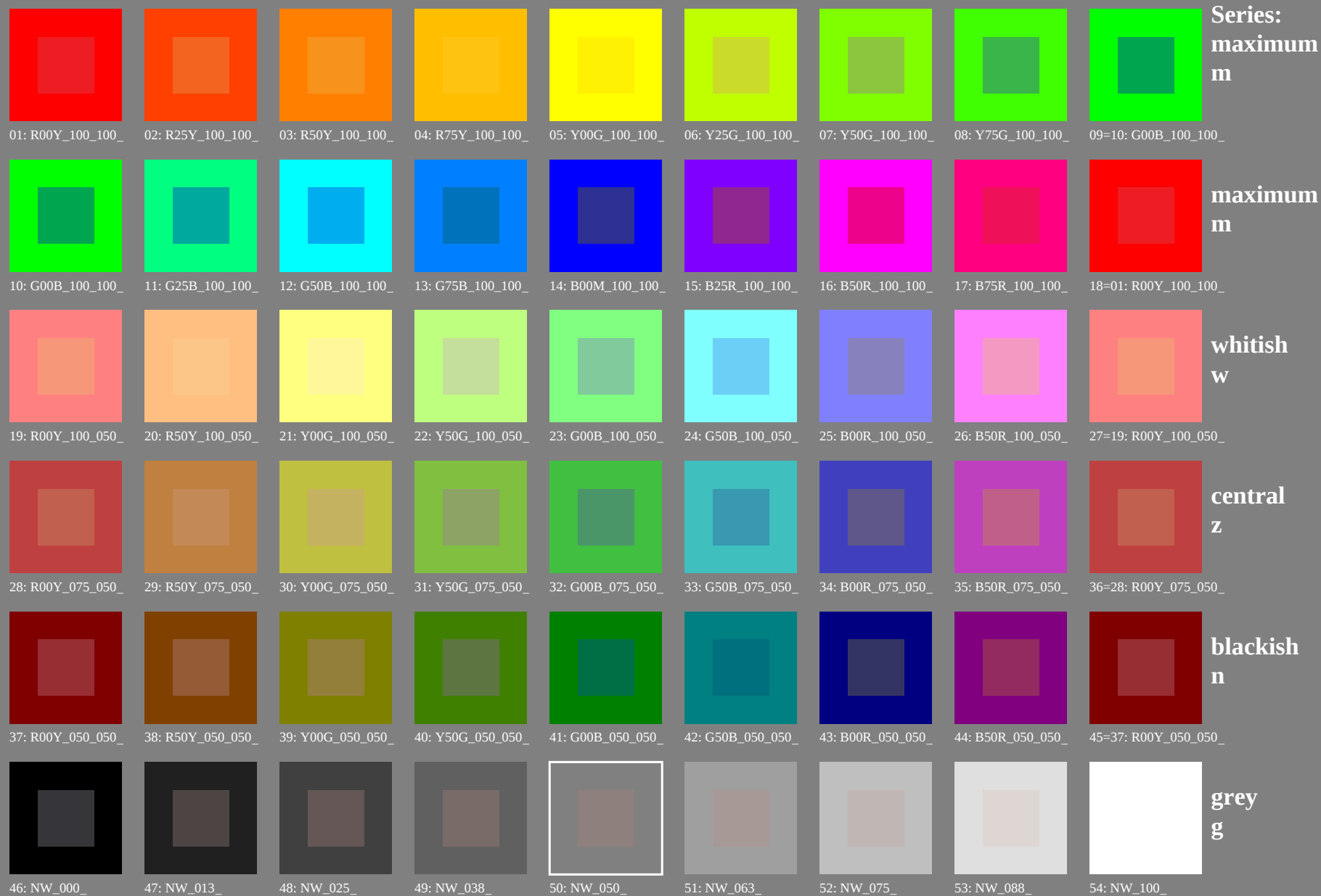


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0)



Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb^*d$

Series:
maximum
m

maximum
m

whitish
W

central
Z

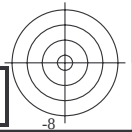
blackish
n

grey
g

see similar files: <http://130.149.60.45/~farbmestik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmestik>

TUB-test chart PN17; colour rendering
54 standard colors, 3D=0, de=0, *cmy0*

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



Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb^*d$

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

TUB registration: 20130201-PN17/PN17LONP.PDF/.PS
+ application for measurement of offset print output, separate

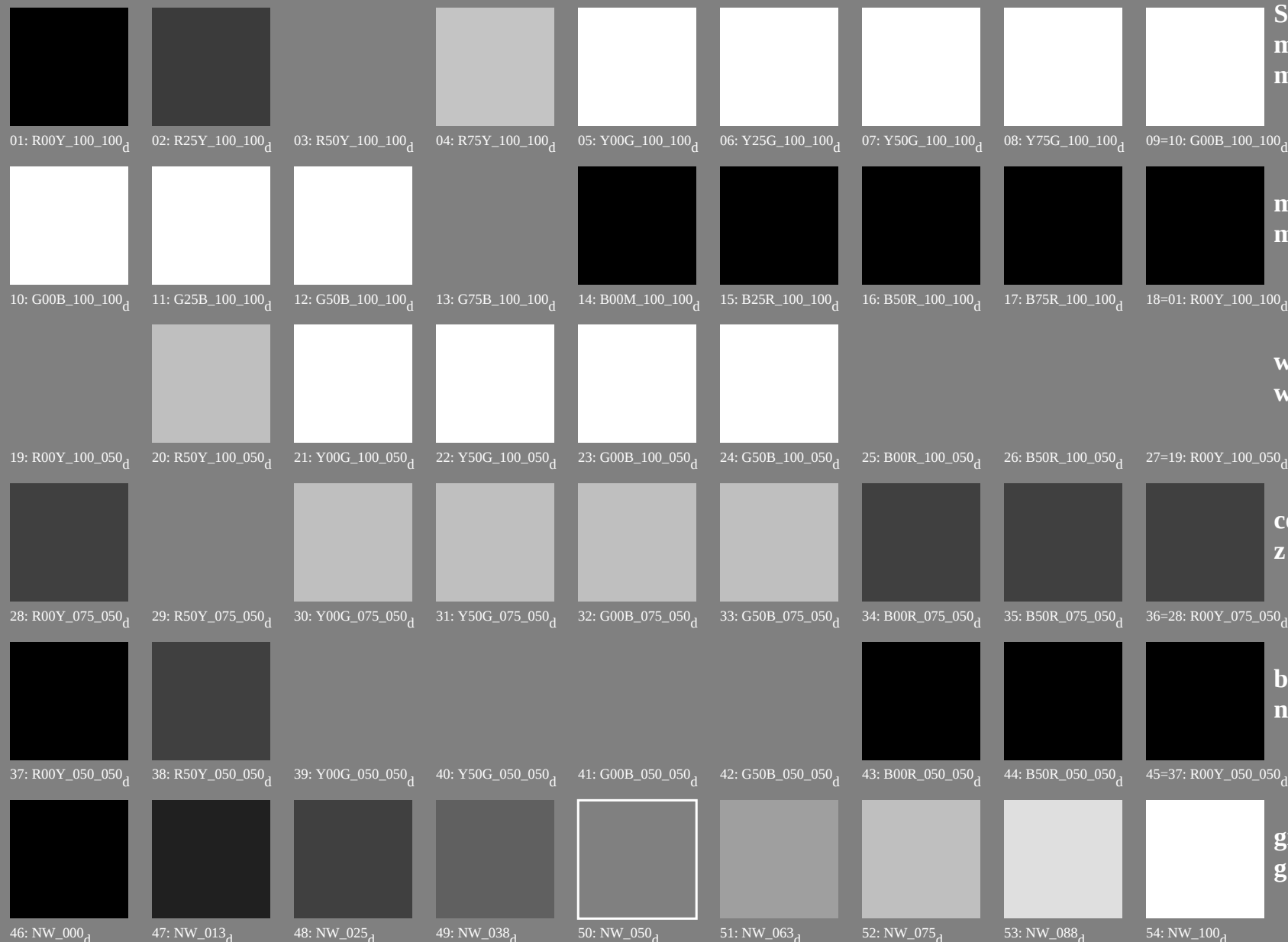
TUB material: code=rh4ta
070 (CMV0)

see similar files: <http://130.149.60.45/~farbmétrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmétrik>

TUB-test chart PN17; colour rendering
54 standard colors, 3D=0, de=0, *cmly0*

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

Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb^*d$



Series:
maximum
m

maximum
m

whitish
w

central
z

blackish
n

grey
g

see similar files: <http://130.149.60.45/~farbmetrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PN17/PN17L0NP.PDF /.PS
application for measurement of offset print output, separation $cmy0$ (CMY0)
TUB material: code=rha4ta

Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb^*d$

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

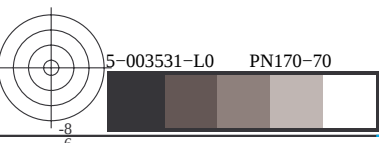
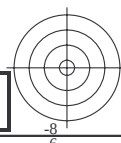
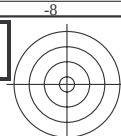
TUB registration: 20130201-PN17/PN17L0NP.PDF / .PS
 application for measurement of offset print output, separate

TUB material: code=rh4ta
ny0 (CMY0)

see similar files: <http://130.149.60.45/~farbmeterik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB-test chart PN17; colour rendering
54 standard colors, 3D=0, de=0, *cmly0*

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





5-003631-P0

http://130.149.60.45/~farbmetrik/PN17/PN17L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/22

Y

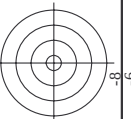
M

C



TUB registration: 20130201-PN17/PN17L0NP.PDF /PS
application for measurement of offset print output, separation cmy0 (CMY0)

TUB material: code=rha4ta



V

L

O

Y

M

5-003631-P0

TUB-test chart PN17; colour rendering
colors and differences, ΔE^* , 3D=0, de=0, cmy0

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

nf	HfC*Fd	rgb_Fd	ic_Fd	hs_Fd	rgb_Fd	LabCH*Fd	rgb_Fd	LabCH*Fd	DF*Fd	hs_Md	rgb_Md	LabCH*Md
0/648	R00Y_100_100d	1.0	0.0	1.0	0.5	390	1.0	0.0	0.0	389	1.0	0.0
1/657	R13Y_100_100d	0.125	0.0	1.0	0.5	377	1.0	0.0	0.0	366	1.0	0.0
2/666	R25Y_100_100d	0.25	0.0	1.0	0.5	348	1.0	0.0	0.0	336	1.0	0.0
3/675	R38Y_100_100d	0.375	0.0	1.0	0.5	319	1.0	0.0	0.0	305	1.0	0.0
4/684	R50Y_100_100d	0.5	0.0	1.0	0.5	290	1.0	0.0	0.0	289	1.0	0.0
5/693	R63Y_100_100d	0.625	0.0	1.0	0.5	261	1.0	0.0	0.0	260	1.0	0.0
6/702	R75Y_100_100d	0.75	0.0	1.0	0.5	232	1.0	0.0	0.0	231	1.0	0.0
7/711	R88Y_100_100d	0.875	0.0	1.0	0.5	203	1.0	0.0	0.0	202	1.0	0.0
8/720	Y00C_100_100d	1.0	0.0	1.0	0.5	90	1.0	0.0	0.0	89	1.0	0.0
9/639	Y13C_100_100d	0.875	0.0	1.0	0.5	97	1.0	0.0	0.0	96	1.0	0.0
10/558	Y25C_100_100d	0.75	0.0	1.0	0.5	104	1.0	0.0	0.0	102	1.0	0.0
11/477	Y38C_100_100d	0.625	0.0	1.0	0.5	112	1.0	0.0	0.0	111	1.0	0.0
12/396	Y50C_100_100d	0.5	0.0	1.0	0.5	120	1.0	0.0	0.0	119	1.0	0.0
13/315	Y63C_100_100d	0.375	0.0	1.0	0.5	128	1.0	0.0	0.0	127	1.0	0.0
14/234	Y75C_100_100d	0.25	0.0	1.0	0.5	136	1.0	0.0	0.0	135	1.0	0.0
15/153	Y88C_100_100d	0.125	0.0	1.0	0.5	143	1.0	0.0	0.0	143	1.0	0.0
16/72	G00C_100_100d	0.0	1.0	1.0	0.5	150	1.0	0.0	0.0	149	1.0	0.0
17/73	G13C_100_100d	0.125	1.0	1.0	0.5	157	1.0	0.0	0.0	156	1.0	0.0
18/74	G25C_100_100d	0.25	1.0	1.0	0.5	164	1.0	0.0	0.0	162	1.0	0.0
19/75	G38C_100_100d	0.375	1.0	1.0	0.5	172	1.0	0.0	0.0	171	1.0	0.0
20/76	G50C_100_100d	0.5	1.0	1.0	0.5	180	1.0	0.0	0.0	180	1.0	0.0
21/77	G63C_100_100d	0.625	1.0	1.0	0.5	188	1.0	0.0	0.0	188	1.0	0.0
22/78	G75C_100_100d	0.75	1.0	1.0	0.5	196	1.0	0.0	0.0	195	1.0	0.0
23/79	G88C_100_100d	0.875	1.0	1.0	0.5	203	1.0	0.0	0.0	203	1.0	0.0
24/80	C00B_100_100d	0.0	1.0	1.0	0.5	210	1.0	0.0	0.0	210	1.0	0.0
25/71	C13B_100_100d	0.0	1.0	1.0	0.5	217	1.0	0.0	0.0	216	1.0	0.0
26/62	C25B_100_100d	0.0	1.0	1.0	0.5	224	1.0	0.0	0.0	222	1.0	0.0
27/53	C38B_100_100d	0.0	1.0	1.0	0.5	232	1.0	0.0	0.0	231	1.0	0.0
28/44	C50B_100_100d	0.0	1.0	1.0	0.5	240	1.0	0.0	0.0	240	1.0	0.0
29/35	C63B_100_100d	0.0	1.0	1.0	0.5	248	1.0	0.0	0.0	248	1.0	0.0
30/26	C75B_100_100d	0.0	1.0	1.0	0.5	256	1.0	0.0	0.0	257	1.0	0.0
31/17	C88B_100_100d	0.0	1.0	1.0	0.5	263	1.0	0.0	0.0	263	1.0	0.0
32/8	B00M_100_100d	0.0	1.0	1.0	0.5	270	1.0	0.0	0.0	270	1.0	0.0
33/89	B13M_100_100d	0.125	1.0	1.0	0.5	277	1.0	0.0	0.0	276	1.0	0.0
34/170	B25M_100_100d	0.25	1.0	1.0	0.5	284	1.0	0.0	0.0	282	1.0	0.0
35/251	B38M_100_100d	0.375	1.0	1.0	0.5	292	1.0	0.0	0.0	291	1.0	0.0
36/332	B50M_100_100d	0.5	1.0	1.0	0.5	300	1.0	0.0	0.0	300	1.0	0.0
37/413	B63M_100_100d	0.625	1.0	1.0	0.5	308	1.0	0.0	0.0	308	1.0	0.0
38/494	B75M_100_100d	0.75	1.0	1.0	0.5	316	1.0	0.0	0.0	317	1.0	0.0
39/575	B88M_100_100d	0.875	1.0	1.0	0.5	323	1.0	0.0	0.0	323	1.0	0.0
40/656	M00R_100_100d	1.0	0.0	1.0	0.5	330	1.0	0.0	0.0	330	1.0	0.0
41/655	M13R_100_100d	1.0	0.0	1.0	0.5	337	1.0	0.0	0.0	336	1.0	0.0
42/654	M25R_100_100d	1.0	0.0	1.0	0.5	344	1.0	0.0	0.0	342	1.0	0.0
43/653	M38R_100_100d	1.0	0.0	1.0	0.5	352	1.0	0.0	0.0	351	1.0	0.0
44/652	M50R_100_100d	1.0	0.0	1.0	0.5	360	1.0	0.0	0.0	360	1.0	0.0
45/651	M63R_100_100d	1.0	0.0	1.0	0.5	368	1.0	0.0	0.0	368	1.0	0.0
46/650	M75R_100_100d	1.0	0.0	1.0	0.5	376	1.0	0.0	0.0	377	1.0	0.0
47/649	M88R_100_100d	1.0	0.0	1.0	0.5	383	1.0	0.0	0.0	383	1.0	0.0
48/648	R00Y_100_100d	1.0	0.0	1.0	0.5	390	1.0	0.0	0.0	389	1.0	0.0
49/0	NW_000d	0.0	0.0	0.0	0.0	343	1.0	0.0	0.0	343	1.0	0.0
50/91	NW_013d	0.125	0.0	0.0	0.0	350	1.0	0.0	0.0	350	1.0	0.0
51/182	NW_025d	0.25	0.0	0.0	0.0	357	1.0	0.0	0.0	357	1.0	0.0
52/273	NW_038d	0.375	0.0	0.0	0.0	364	1.0	0.0	0.0	364	1.0	0.0
53/364	NW_050d	0.5	0.0	0.0	0.0	371	1.0	0.0	0.0	371	1.0	0.0
54/455	NW_063d	0.625	0.0	0.0	0.0	378	1.0	0.0	0.0	378	1.0	0.0
55/546	NW_075d	0.75	0.0	0.0	0.0	385	1.0	0.0	0.0	385	1.0	0.0
56/637	NW_088d	0.875	0.0	0.0	0.0	392	1.0	0.0	0.0	392	1.0	0.0
57/728	NW_100d	1.0	0.0	0.0	0.0	399	1.0	0.0	0.0	399	1.0	0.0

delta E* = 4.0

see similar files: <http://130.149.60.45/~farbmetrik/PN17/PN17L0NP.PDF> /PS; transfer output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0*

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de=0, cmv0

[illegible]
$$\Delta E^* = 5.0$$

PN170-7N 872-E

-003731-E0

-see similar files: <http://130.149.60.45/~farbmatrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PN17/PN17L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 14/22

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de

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

	HC*Fd	rgb_Fd	icr_Fd	hsa_Fd	rgb*Fd	LabCh*Fd	LabCh*Fd	DE*Fsd	hsa*Fd	rgb*Fd	LabCh*Fd	LabCh*Fd															
05	R00Y_062_062A	0.625 0.0 0.125	0.625 0.625 0.312	390	0.625 0.0 0.0	37.5 44.3	52.4	32.3	0.625 0.0 0.0	0.625 0.0 0.0	37.2 53.3	28.4	24.6	60.5	28.3	9.0	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
06	R00Y_062_062A	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.114	37.6 44.9	23.0	50.6	0.625 0.0 0.125	0.625 0.0 0.125	37.4 54.0	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
07	R11Y_062_062A	0.625 0.0 0.375	0.625 0.625 0.312	367	0.625 0.0 0.239	37.7 45.6	17.7	48.8	0.625 0.0 0.239	0.625 0.0 0.239	37.3 54.8	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
08	B69R_062_062A	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0 0.385	37.8 47.2	9.5	48.1	0.625 0.0 0.375	0.625 0.0 0.375	37.4 56.1	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
09	B59R_062_062A	0.625 0.0 0.625	0.625 0.625 0.312	341	0.625 0.0 0.51	37.8 48.6	3.9	48.7	0.625 0.0 0.51	0.625 0.0 0.51	37.4 57.9	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
10	B59R_062_062A	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	37.9 49.5	-0.1	49.5	0.625 0.0 0.625	0.625 0.0 0.625	37.4 59.3	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
11	B42R_07_075A	0.625 0.0 0.875	0.625 0.625 0.312	321	0.637 0.0 0.75	38.9 55.7	-4.4	55.9	0.625 0.0 0.75	0.625 0.0 0.75	37.9 61.6	-4.2	61.8	356.0	2.6	31.5	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
12	B36R_087_087A	0.625 0.0 0.875	0.625 0.625 0.312	311	0.641 0.0 0.875	39.2 61.5	-8.7	62.1	0.625 0.0 0.875	0.625 0.0 0.875	38.3 64.0	-14.0	66.9	347.9	9.0	30.8	363.0	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
13	B31R_100_100A	0.625 0.0 1.0	0.625 0.625 0.312	308	0.633 0.0 1.0	38.3 65.8	-13.7	67.2	0.625 0.0 1.0	0.625 0.0 1.0	38.1 65.4	-14.0	66.9	347.9	9.0	30.8	363.0	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
14	R18Y_062_062A	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.114 0.0	41.1 36.1	32.8	48.8	0.625 0.125 0.0	0.625 0.125 0.0	40.5 45.1	32.7	55.7	35.9	9.0	39	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
15	R26Y_062_059A	0.625 0.125 0.125	0.625 0.625 0.312	390	0.625 0.125 0.125	43.8 35.4	22.4	41.9	0.625 0.125 0.125	0.625 0.125 0.125	41.0 45.8	22.0	53.0	31.9	11.3	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
16	R26Y_062_059A	0.625 0.125 0.125	0.625 0.625 0.312	376	0.625 0.125 0.241	43.9 35.4	17.6	40.1	0.625 0.125 0.241	0.625 0.125 0.241	41.0 45.8	22.0	53.0	31.9	11.3	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
17	R00Y_062_059A	0.625 0.125 0.375	0.625 0.625 0.312	360	0.625 0.125 0.375	44.0 37.1	10.5	38.5	0.625 0.125 0.375	0.625 0.125 0.375	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
18	B61R_062_059A	0.625 0.125 0.375	0.625 0.625 0.312	344	0.625 0.125 0.508	44.0 37.1	10.5	38.5	0.625 0.125 0.508	0.625 0.125 0.508	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
19	B00R_062_059A	0.625 0.125 0.625	0.625 0.625 0.312	330	0.625 0.125 0.625	44.1 38.6	4.0	38.8	0.625 0.125 0.625	0.625 0.125 0.625	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
20	B40R_062_059A	0.625 0.125 0.625	0.625 0.625 0.312	319	0.635 0.125 0.75	44.9 35.8	-4.4	46.0	0.625 0.125 0.75	0.625 0.125 0.75	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
21	B34R_067_075A	0.625 0.125 0.875	0.625 0.625 0.312	305	0.637 0.125 0.875	44.8 35.8	-4.4	46.0	0.625 0.125 0.875	0.625 0.125 0.875	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
22	B29R_100_087A	0.625 0.125 1.0	0.625 0.625 0.312	301	0.635 0.125 1.0	44.5 35.3	-14.3	57.1	0.625 0.125 1.0	0.625 0.125 1.0	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
23	R33Y_062_059A	0.625 0.25 0.0	0.625 0.625 0.312	53	0.625 0.239 0.0	46.3 27.4	39.1	48.2	0.625 0.25 0.0	0.625 0.25 0.0	45.1 34.0	38.7	51.6	48.5	9.5	52	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
24	R33Y_062_059A	0.625 0.25 0.125	0.625 0.625 0.312	44	0.625 0.241 0.125	46.6 26.7	37.4	38.2	0.625 0.25 0.125	0.625 0.25 0.125	45.1 34.0	38.7	51.6	48.5	9.5	52	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
25	R00Y_062_037A	0.625 0.0 0.375	0.625 0.625 0.312	371	0.625 0.0 0.375	37.7 45.6	17.7	48.8	0.625 0.0 0.375	0.625 0.0 0.375	37.3 54.8	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
26	B69R_062_037A	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0 0.385	37.8 47.2	9.5	48.1	0.625 0.0 0.375	0.625 0.0 0.375	37.4 56.1	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
27	B59R_062_037A	0.625 0.0 0.625	0.625 0.625 0.312	341	0.625 0.0 0.51	37.8 48.6	3.9	48.7	0.625 0.0 0.625	0.625 0.0 0.625	37.4 57.9	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
28	B59R_062_037A	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	37.9 49.5	-0.1	49.5	0.625 0.0 0.625	0.625 0.0 0.625	37.4 59.3	24.4	28.6	59.3	24.3	9.2	380	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
29	B42R_07_075A	0.625 0.0 0.875	0.625 0.625 0.312	321	0.637 0.0 0.75	38.9 55.7	-4.4	55.9	0.625 0.0 0.875	0.625 0.0 0.875	37.9 61.6	-4.2	61.8	356.0	2.6	31.5	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
30	B36R_087_087A	0.625 0.0 0.875	0.625 0.625 0.312	311	0.641 0.0 0.875	39.2 61.5	-8.7	62.1	0.625 0.0 0.875	0.625 0.0 0.875	38.3 64.0	-14.0	66.9	347.9	9.0	30.8	363.0	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
31	B31R_100_100A	0.625 0.0 1.0	0.625 0.625 0.312	308	0.633 0.0 1.0	38.3 65.8	-13.7	67.2	0.625 0.0 1.0	0.625 0.0 1.0	38.1 65.4	-14.0	66.9	347.9	9.0	30.8	363.0	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3
32	R18Y_062_062A	0.625 0.125 0.0	0.625 0.625 0.312	41	0.625 0.114 0.0	41.1 36.1	32.8	48.8	0.625 0.125 0.0	0.625 0.125 0.0	40.5 45.1	32.7	55.7	35.9	9.0	39	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
33	R26Y_062_059A	0.625 0.125 0.125	0.625 0.625 0.312	390	0.625 0.125 0.125	43.8 35.4	22.4	41.9	0.625 0.125 0.125	0.625 0.125 0.125	41.0 45.8	22.0	53.0	31.9	11.3	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
34	R26Y_062_059A	0.625 0.125 0.125	0.625 0.625 0.312	376	0.625 0.125 0.241	43.9 35.4	17.6	40.1	0.625 0.125 0.241	0.625 0.125 0.241	41.0 45.8	22.0	53.0	31.9	11.3	389	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
35	R00Y_062_059A	0.625 0.125 0.375	0.625 0.625 0.312	360	0.625 0.125 0.375	44.0 37.1	10.5	38.5	0.625 0.125 0.375	0.625 0.125 0.375	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
36	B61R_062_059A	0.625 0.125 0.375	0.625 0.625 0.312	344	0.625 0.125 0.508	44.0 37.1	10.5	38.5	0.625 0.125 0.508	0.625 0.125 0.508	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
37	B00R_062_059A	0.625 0.125 0.625	0.625 0.625 0.312	330	0.625 0.125 0.625	44.1 38.6	4.0	38.8	0.625 0.125 0.625	0.625 0.125 0.625	41.1 47.2	15.5	49.3	18.2	11.6	360	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
38	B40R_062_059A	0.625 0.125 0.625	0.625 0.625 0.312	319	0.635 0.125 0.75	44.9 35.8	-4.4	46.0	0.625 0.125 0.75	0.625 0.125 0.75	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
39	B34R_067_075A	0.625 0.125 0.875	0.625 0.625 0.312	305	0.637 0.125 0.875	44.8 35.8	-4.4	46.0	0.625 0.125 0.875	0.625 0.125 0.875	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
40	B29R_100_087A	0.625 0.125 1.0	0.625 0.625 0.312	301	0.635 0.125 1.0	44.5 35.3	-14.3	57.1	0.625 0.125 1.0	0.625 0.125 1.0	42.7 50.1	-4.3	52.3	35.2	1.8	320	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
41	R33Y_062_059A	0.625 0.25 0.0	0.625 0.625 0.312	53	0.625 0.239 0.0	46.3 27.4	39.1	48.2	0.625 0.25 0.0	0.625 0.25 0.0	45.1 34.0	38.7	51.6	48.5	9.5	52	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
42	R33Y_062_059A	0.625 0.25 0.125	0.625 0.625 0.312	44	0.625 0.241 0.125	46.6 26.7	37.4	38.2	0.625 0.25 0.125	0.625 0.25 0.125	45.1 34.0	38.7	51.6	48.5	9.5	52	1.0	0.0	0.0	0.183	45.4	70.9	44.8	83.9	37.5	27.3	
43	R00Y_062_037A	0.625 0.0 0.375	0.625 0.625 0.312	371	0.625 0.0 0.																						

see similar files: <http://130.149.60.45/~farbmatrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PN17/PN17LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 15/22

input: *rgb/cmyk* $\rightarrow$ *rgb*
output: transfer to *cmy0a*

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de=0, cmv0

-see similar files: <http://130.149.60.45/~farbmetrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

	HC ^{Fe}	rgb ^{Fe}	ict ^{Fe}	hs ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DE ^{Fe}	h _{max} ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	n
486	ROY05_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	6.6	382	1.0	0.0	486
487	R355_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	487
488	R185_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	488
489	R185_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	489
490	B65K_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	490
491	B65K_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	491
492	B50K_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	492
493	B50K_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	493
494	B38R_100_100	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	494
495	R155_075_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	495
496	R315_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	496
497	R315_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	497
498	R115_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	498
499	B69R_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	499
500	B59R_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	500
501	B59R_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	501
502	B42R_087_074	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	502
503	B36R_100_087	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	503
504	R315_075_074	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	504
505	R185_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	505
506	ROY05_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	506
507	R265_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	507
508	ROY05_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	508
509	B61K_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	509
510	B30K_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	510
511	B40K_087_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	511
512	R34K_100_074	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	512
513	R305_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	513
514	R235_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	514
515	R235_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	515
516	ROY05_074	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	516
517	R185_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	517
518	R185_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	518
519	B65R_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	519
520	B38R_087_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	520
521	B30R_100_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	521
522	R685_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	522
523	R685_075_054	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	523
524	R505_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	524
525	R315_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	525
526	ROY05_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	526
527	ROY05_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	527
528	B50R_075_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	528
529	B34K_087_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	529
530	B30R_100_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	530
531	R855_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	531
532	R855_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	532
533	R815_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	533
534	R765_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	534
535	R685_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	535
536	R505_075_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	536
537	B50R_075_012	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	537
538	ROY05_012	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	538
539	B50R_075_012	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	539
540	B15R_100_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	540
541	Y00C_075_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	541
542	Y00C_075_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	542
543	Y00C_075_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	543
544	Y00C_075_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	544
545	Y00C_075_012	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	545
546	NW_073d	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	546
547	ROY087_012d	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	547
548	ROY087_012d	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	548
549	Y13C_087_087	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	549
550	Y13C_087_075	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	550
551	Y18C_087_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	551
552	Y23C_087_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	552
553	Y31C_087_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	553
554	Y31C_087_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	554
555	Y31C_087_012	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	555
556	G50R_087_010	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	556
557	G50R_087_010	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	557
558	Y23C_100_087	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	558
559	Y26C_100_087	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	559
560	Y31C_100_062	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	560
561	Y38C_100_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	561
562	Y50C_100_050	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	562
563	Y68C_100_037	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	563
564	G25R_100_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	564
565	G25R_100_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	31.5	69.4	36.3	69.4	565
566	G50R_100_025	0.75	0.0	0.125	0.75	0.0	0.75	0.0	0.75	27.7	68.0	31.6	68.0	566



TUB material: code=rha4ta
ny0 (CMY0)

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de-

input: *rgb/cmyk* → *rgb*_d
output: transfer to *cmy*_{0d}

n	HIC ^{Fe}	rgb^{Fe}	lcl^{Fe}	hs_{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	rgb^{Fe}	$LabCh^{Fe}$	DE^{Fe}	hs_{Fe}	rgb^{Fe}	$LabCh^{Fe}$														
567	R00Y_087_087A	0.875	0.0	0.875	0.875	0.437	390	73.4	32.3	0.875	0.0	43.2	65.4	40.5	76.9	31.8	3.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
568	R36Y_087_087A	0.875	0.0	0.875	0.875	0.437	382	62.0	39.2	0.875	0.0	0.116	42.9	62.5	34.7	71.6	29.0	35.2	382	1.0	0.0	0.133	45.5	71.5	39.7	81.8	29.0
569	R00Y_087_087A	0.875	0.0	0.875	0.875	0.437	380	62.5	34.7	0.875	0.0	0.116	42.9	62.5	34.7	71.6	29.0	35.2	382	1.0	0.0	0.133	45.5	71.5	39.7	81.8	29.0
570	R23Y_087_087A	0.875	0.0	0.875	0.875	0.437	374	63.2	29.5	0.875	0.0	0.233	43.0	63.2	29.5	69.8	15.4	36.5	375	1.0	0.0	0.266	45.6	72.3	33.8	79.8	25.0
571	B70R_087_087A	0.875	0.0	0.875	0.875	0.437	355	68.1	22.7	0.875	0.0	0.364	43.1	64.2	22.7	68.1	19.4	375	1.0	0.0	0.416	45.8	73.4	33.8	79.8	25.0	
572	B63R_087_087A	0.875	0.0	0.875	0.875	0.437	355	68.1	22.7	0.875	0.0	0.364	43.1	64.2	22.7	68.1	19.4	375	1.0	0.0	0.416	45.8	73.4	33.8	79.8	25.0	
573	B63R_087_087A	0.875	0.0	0.875	0.875	0.437	346	67.3	23.8	0.875	0.0	0.541	43.2	67.3	23.8	67.3	17.0	354	1.0	0.0	0.583	45.9	75.2	16.9	77.1	12.7	
574	B56R_087_087A	0.875	0.0	0.875	0.875	0.437	338	68.4	30.1	0.875	0.0	0.758	43.2	68.4	30.1	68.4	15.8	344	1.0	0.0	0.723	45.9	77.0	9.4	77.5	7.0	
575	B50R_087_087A	0.875	0.0	0.875	0.875	0.437	330	69.4	31.8	0.875	0.0	0.883	43.4	69.4	31.8	69.4	15.8	337	1.0	0.0	0.866	45.9	78.1	4.4	78.3	3.2	
576	B44R_100_100A	0.875	0.0	1.0	1.0	0.5	323	75.4	43.6	0.883	0.0	1.0	44.3	75.4	43.6	75.4	15.8	337	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	
577	R13Y_087_087A	0.875	0.125	0.875	0.875	0.437	38	46.1	54.3	0.875	0.116	0.0	46.1	54.3	47.7	65.6	35.3	323	1.0	0.0	0.133	46.2	75.4	-4.7	75.6	356.3	
578	R00Y_087_075A	0.875	0.125	0.875	0.875	0.437	380	62.0	39.2	0.875	0.125	0.125	49.1	62.0	39.2	62.0	39.2	323	1.0	0.0	0.133	46.2	75.4	-4.7	75.6	356.3	
579	R35Y_087_075A	0.875	0.125	0.875	0.875	0.437	380	62.0	39.2	0.875	0.125	0.125	49.1	62.0	39.2	62.0	39.2	323	1.0	0.0	0.133	46.2	75.4	-4.7	75.6	356.3	
580	R18Y_087_075A	0.875	0.125	0.875	0.875	0.437	380	62.0	39.2	0.875	0.125	0.125	49.1	62.0	39.2	62.0	39.2	323	1.0	0.0	0.133	46.2	75.4	-4.7	75.6	356.3	
581	R00Y_087_075A	0.875	0.125	0.875	0.875	0.437	380	62.0	39.2	0.875	0.125	0.125	49.1	62.0	39.2	62.0	39.2	323	1.0	0.0	0.133	46.2	75.4	-4.7	75.6	356.3	
582	B55R_087_075A	0.875	0.125	0.875	0.875																						
583	B50R_087_075A	0.875	0.125	0.875	0.875																						
584	B44R_100_100A	0.875	0.125	0.875	0.875																						
585	R13Y_087_075A	0.875	0.125	0.875	0.875																						
586	R00Y_087_062A	0.875	0.25	0.875	0.625	0.562	390	87.5	42.5	0.875	0.25	0.125	55.3	87.5	42.5	87.5	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
587	R11Y_087_062A	0.875	0.25	0.875	0.625	0.562	389	87.5	42.5	0.875	0.25	0.125	55.3	87.5	42.5	87.5	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
588	R11Y_087_062A	0.875	0.25	0.875	0.625	0.562	379	87.5	42.5	0.875	0.25	0.125	55.3	87.5	42.5	87.5	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
589	B60R_087_062A	0.875	0.25	0.875	0.625	0.562	353	93.0	40.0	0.875	0.25	0.125	55.3	93.0	40.0	93.0	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
590	B60R_087_062A	0.875	0.25	0.875	0.625	0.562	341	93.0	40.0	0.875	0.25	0.125	55.3	93.0	40.0	93.0	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
591	B50R_087_062A	0.875	0.25	0.875	0.625	0.562	341	93.0	40.0	0.875	0.25	0.125	55.3	93.0	40.0	93.0	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
592	B42R_100_075A	0.875	0.25	1.0	0.875	0.625	320	93.0	40.0	0.875	0.25	0.125	55.3	93.0	40.0	93.0	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
593	B42R_100_075A	0.875	0.25	1.0	0.875	0.625	320	93.0	40.0	0.875	0.25	0.125	55.3	93.0	40.0	93.0	15.8	337	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
594	R31Y_087_075A	0.875	0.375	0.125	0.875	0.437	55	49.5	49.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
595	R41Y_087_075A	0.875	0.375	0.125	0.875	0.437	49	49.5	49.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
596	R18Y_087_062A	0.875	0.375	0.375	0.875	0.625	410	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
597	R00Y_087_050A	0.875	0.375	0.375	0.875	0.625	390	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
598	R26Y_087_050A	0.875	0.375	0.375	0.875	0.625	376	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
599	R00Y_087_050A	0.875	0.375	0.375	0.875	0.625	360	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
600	B61R_087_050A	0.875	0.375	0.375	0.875	0.625	344	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
601	B50R_087_050A	0.875	0.375	0.375	0.875	0.625	330	87.5	42.5	0.875	0.375	0.364	40.0	56.5	57.5	55.7	48.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8	
602	B40R_100_062A	0.875	0.375	1.0	1.0	0.625	319	87.5	42.5	0.875	0.375	1.0	62.8	45.8	46.1	46.1	46.1	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
603	R58Y_087_062A	0.875	0.5	0.875	0.875	0.437	65	60.5	60.5	0.875	0.5	0.125	63.1	60.5	60.5	60.5	60.5	330	1.0	0.0	0.583	74.6	77.3	74.8	74.8	74.8	
604	R30Y_087_062A	0.875	0.5	0.875	0.875	0.437	65	60.5	60.5	0.875	0.5	0.125	63.1	60.5	60.5	60.5	60.5	330	1.0	0.0	0.583	74.6	77.3	74.8	74.8	74.8	
605	R30Y_087_062A	0.875	0.5	0.875	0.875	0.437	65	60.5	60.5	0.875	0.5	0.125	63.1	60.5	60.5	60.5	60.5	330	1.0	0.0	0.583	74.6	77.3	74.8	74.8	74.8	
606	R23Y_087_050A	0.875	0.5	0.875	0.875	0.437	44	60.5	60.5	0.875	0.5	0.125	63.1	60.5	60.5	60.5	60.5	330	1.0	0.0	0.583	74.6	77.3	74.8	74.8	74.8	
607	R00Y_087_037A	0.875	0.5	0.875	0.375	0.687	390	87.5	42.5	0.875	0.5	0.618	68.1	27.2	27.2	27.2	27.2	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
608	B65R_087_037A	0.875	0.5	0.875	0.375	0.687	349	87.5	42.5	0.875	0.5	0.618	68.1	27.2	27.2	27.2	27.2	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
609	R00Y_087_037A	0.875	0.5	0.875	0.375	0.687	349	87.5	42.5	0.875	0.5	0.618	68.1	27.2	27.2	27.2	27.2	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
610	B38R_100_050A	0.875	0.5	1.0	0.5	0.75	316	87.5	42.5	0.875	0.5	0.875	68.1	27.2	27.2	27.2	27.2	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
611	B38R_100_050A	0.875	0.5	1.0	0.5	0.75	316	87.5	42.5	0.875	0.5	0.875	68.1	27.2	27.2	27.2	27.2	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
612	R23Y_087_087A	0.875	0.625	0.125	0.875	0.437	74	87.5	42.5	0.875	0.625	0.641	70.5	60.5	60.5	60.5	60.5	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
613	R68Y_087_075A	0.875	0.625	0.125	0.875	0.437	74	87.5	42.5	0.875	0.625	0.641	70.5	60.5	60.5	60.5	60.5	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
614	R68Y_087_075A	0.875	0.625	0.125	0.875	0.437	74	87.5	42.5	0.875	0.625	0.641	70.5	60.5	60.5	60.5	60.5	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
615	R68Y_087_075A	0.875	0.625	0.125	0.875	0.437	74	87.5	42.5	0.875	0.625	0.641	70.5	60.5	60.5	60.5	60.5	330	1.0	0.0	0.461	79.3	-0.2	79.3	359.8		
616	R68Y_087_075A	0.875	0.625	0.125	0.875	0.437	74	87.5	42.5	0.875	0.625	0.641	70.5	60.5	60.5	60											

http://130.149.60.45/~farbmatrik/PN17/PN17LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/22

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de=0, cmv0

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0*

n	HIC ^{Frd}	rgb^{Frd}	lcr^{Frd}	h_{95}^{Frd}	$LabCh^{Frd}$	rgb^{Frd}	$LabCh^{Frd}$	DB^{Frd}	$h_{50,10}$	$rgb^{50,10}$	$LabCh^{50,10}$	$h_{50,10}$	$rgb^{50,10}$	$LabCh^{50,10}$
648	R00Y_100_100d	1.0	0.0	0.0	390	44.8	70.9	0.0	45.4	70.9	44.8	83.9	32.3	44.8
649	R38Y_100_100d	1.0	0.5	383	44.0	82.1	45.5	71.4	40.1	81.9	40.1	83.9	29.5	40.1
650	R26Y_100_100d	1.0	0.0	0.5	368	44.0	72.1	45.6	72.1	34.6	80.0	25.6	0.7	377
651	R13Y_100_100d	1.0	0.0	0.5	376	44.0	45.8	72.9	28.7	78.4	21.1	77.1	15.9	0.0
652	R00Y_100_100d	1.0	0.0	0.5	360	44.0	45.9	74.2	21.1	77.1	15.9	0.0	0.0	0.0
653	B68R_100_100d	1.0	0.0	0.5	352	44.0	46.0	75.6	14.4	77.1	11.1	0.4	351	0.0
654	B61R_100_100d	1.0	0.0	0.5	344	44.0	0.766	45.9	77.1	8.6	77.6	6.4	0.6	336
655	B55R_100_100d	1.0	0.0	0.5	337	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
656	B50R_100_100d	1.0	0.0	0.5	330	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
657	R11Y_100_100d	1.0	0.0	0.5	337	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
658	R00Y_100_100d	1.0	0.0	0.5	330	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
659	R36Y_100_100d	1.0	0.0	0.5	382	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
660	R23Y_100_100d	1.0	0.0	0.5	374	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
661	R00Y_100_100d	1.0	0.0	0.5	365	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
662	B70R_100_100d	1.0	0.0	0.5	342	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
663	B63R_100_100d	1.0	0.0	0.5	355	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
664	B56R_100_100d	1.0	0.0	0.5	346	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
665	B50R_100_100d	1.0	0.0	0.5	338	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
666	R23Y_100_100d	1.0	0.0	0.5	344	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
667	R13Y_100_100d	1.0	0.0	0.5	348	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
668	R35Y_100_100d	1.0	0.0	0.5	391	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
669	R18Y_100_100d	1.0	0.0	0.5	371	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
670	R00Y_100_100d	1.0	0.0	0.5	360	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
671	R00Y_100_100d	1.0	0.0	0.5	360	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
672	B57R_100_100d	1.0	0.0	0.5	349	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
673	B50R_100_100d	1.0	0.0	0.5	339	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
674	B38Y_100_100d	1.0	0.0	0.5	352	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
675	R36Y_100_100d	1.0	0.0	0.5	352	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
676	R36Y_100_100d	1.0	0.0	0.5	352	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
677	R36Y_100_100d	1.0	0.0	0.5	352	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
678	R00Y_100_100d	1.0	0.0	0.5	360	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
679	R31Y_100_100d	1.0	0.0	0.5	369	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
680	R11Y_100_100d	1.0	0.0	0.5	369	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
681	B69R_100_100d	1.0	0.0	0.5	361	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
682	B59R_100_100d	1.0	0.0	0.5	362	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
683	B50R_100_100d	1.0	0.0	0.5	363	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
684	R50Y_100_100d	1.0	0.0	0.5	364	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
685	R41Y_100_100d	1.0	0.0	0.5	365	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
686	R31Y_100_100d	1.0	0.0	0.5	365	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
687	R18Y_100_100d	1.0	0.0	0.5	375	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
688	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
689	R26Y_100_100d	1.0	0.0	0.5	376	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
690	R00Y_100_100d	1.0	0.0	0.5	360	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
691	B61R_100_100d	1.0	0.0	0.5	376	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
692	B63R_100_100d	1.0	0.0	0.5	376	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
693	R63Y_100_100d	1.0	0.0	0.5	330	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
694	R58Y_100_100d	1.0	0.0	0.5	68	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
695	R50Y_100_100d	1.0	0.0	0.5	65	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
696	R50Y_100_100d	1.0	0.0	0.5	65	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
697	R23Y_100_100d	1.0	0.0	0.5	44	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
698	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
699	R23Y_100_100d	1.0	0.0	0.5	374	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
700	R18Y_100_100d	1.0	0.0	0.5	371	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
701	B50R_100_100d	1.0	0.0	0.5	349	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
702	B50R_100_100d	1.0	0.0	0.5	349	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
703	R76Y_100_100d	1.0	0.0	0.5	76	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
704	R37Y_100_100d	1.0	0.0	0.5	71	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
705	R68Y_100_100d	1.0	0.0	0.5	71	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
706	R61Y_100_100d	1.0	0.0	0.5	67	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
707	R31Y_100_100d	1.0	0.0	0.5	60	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
708	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
709	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
710	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
711	R88Y_100_100d	1.0	0.0	0.5	82	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
712	R66Y_100_100d	1.0	0.0	0.5	83	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
713	R65Y_100_100d	1.0	0.0	0.5	81	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
714	R61Y_100_100d	1.0	0.0	0.5	79	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
715	R76Y_100_100d	1.0	0.0	0.5	76	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
716	R68Y_100_100d	1.0	0.0	0.5	71	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
717	R68Y_100_100d	1.0	0.0	0.5	71	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
718	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
719	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
720	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
721	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
722	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
723	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
724	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
725	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
726	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
727	R00Y_100_100d	1.0	0.0	0.5	390	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2
728	NW_100d	1.0	1.0	1.0	360	44.0	0.0	0.883	45.9	78.2	4.1	78.3	3.0	0.2

see similar files: <http://130.149.60.45/~farbmatrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

n	H1C*Fd	rgb*Fd	ic1*Fd	hs1*Fd	rgb*Fd	LabCH*Fd	LabCH*Fd	rgb*Fd	LabCH*Fd	DF*Fd	hs1*Fd	rgb*Nd	LabCH*Nd	LabCH*Nd
729	NW_1004	0.875	1.0	1.0	0.875	1.0	95.6	1.0	95.5	0.0	112.0	1.0	95.6	0.0
730	G50B_100.0124	0.875	1.0	1.0	0.875	1.0	90.7	1.0	90.7	-3.1	112.0	1.0	95.6	0.0
731	G50B_100.0254	0.875	1.0	1.0	0.875	1.0	85.9	1.0	85.9	-7.6	112.0	1.0	95.6	0.0
732	G50B_100.0374	0.875	1.0	1.0	0.875	1.0	81.0	1.0	81.0	-12.2	112.0	1.0	95.6	0.0
733	G50B_100.0504	0.875	1.0	1.0	0.875	1.0	76.2	1.0	76.2	-16.8	112.0	1.0	95.6	0.0
734	G50B_100.0624	0.875	1.0	1.0	0.875	1.0	71.3	1.0	71.3	-21.4	112.0	1.0	95.6	0.0
735	G50B_100.0754	0.875	1.0	1.0	0.875	1.0	66.5	1.0	66.5	-26.0	112.0	1.0	95.6	0.0
736	G50B_100.0874	0.875	1.0	1.0	0.875	1.0	61.6	1.0	61.6	-30.6	112.0	1.0	95.6	0.0
737	G50B_100.1004	0.875	1.0	1.0	0.875	1.0	56.8	1.0	56.8	-35.2	112.0	1.0	95.6	0.0
738	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	51.9	1.0	51.9	-39.8	112.0	1.0	95.6	0.0
739	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	47.0	1.0	47.0	-44.4	112.0	1.0	95.6	0.0
740	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	42.1	1.0	42.1	-49.0	112.0	1.0	95.6	0.0
741	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	37.2	1.0	37.2	-53.6	112.0	1.0	95.6	0.0
742	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	32.3	1.0	32.3	-58.2	112.0	1.0	95.6	0.0
743	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	27.4	1.0	27.4	-62.8	112.0	1.0	95.6	0.0
744	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	22.5	1.0	22.5	-67.4	112.0	1.0	95.6	0.0
745	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	17.6	1.0	17.6	-72.0	112.0	1.0	95.6	0.0
746	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	12.7	1.0	12.7	-76.6	112.0	1.0	95.6	0.0
747	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	7.8	1.0	7.8	-81.2	112.0	1.0	95.6	0.0
748	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	2.9	1.0	2.9	-85.8	112.0	1.0	95.6	0.0
749	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-2.0	1.0	-2.0	-90.4	112.0	1.0	95.6	0.0
750	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-7.1	1.0	-7.1	-95.0	112.0	1.0	95.6	0.0
751	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-12.2	1.0	-12.2	-99.6	112.0	1.0	95.6	0.0
752	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-17.3	1.0	-17.3	-104.2	112.0	1.0	95.6	0.0
753	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-22.4	1.0	-22.4	-108.8	112.0	1.0	95.6	0.0
754	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-27.5	1.0	-27.5	-113.4	112.0	1.0	95.6	0.0
755	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-32.6	1.0	-32.6	-118.0	112.0	1.0	95.6	0.0
756	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-37.7	1.0	-37.7	-122.6	112.0	1.0	95.6	0.0
757	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-42.8	1.0	-42.8	-127.2	112.0	1.0	95.6	0.0
758	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-47.9	1.0	-47.9	-131.8	112.0	1.0	95.6	0.0
759	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-53.0	1.0	-53.0	-136.4	112.0	1.0	95.6	0.0
760	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-58.1	1.0	-58.1	-141.0	112.0	1.0	95.6	0.0
761	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-63.2	1.0	-63.2	-145.6	112.0	1.0	95.6	0.0
762	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-68.3	1.0	-68.3	-150.2	112.0	1.0	95.6	0.0
763	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-73.4	1.0	-73.4	-154.8	112.0	1.0	95.6	0.0
764	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-78.5	1.0	-78.5	-159.4	112.0	1.0	95.6	0.0
765	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-83.6	1.0	-83.6	-164.0	112.0	1.0	95.6	0.0
766	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-88.7	1.0	-88.7	-168.6	112.0	1.0	95.6	0.0
767	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-93.8	1.0	-93.8	-173.2	112.0	1.0	95.6	0.0
768	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-98.9	1.0	-98.9	-177.8	112.0	1.0	95.6	0.0
769	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-104.0	1.0	-104.0	-182.4	112.0	1.0	95.6	0.0
770	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-109.1	1.0	-109.1	-187.0	112.0	1.0	95.6	0.0
771	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-114.2	1.0	-114.2	-191.6	112.0	1.0	95.6	0.0
772	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-119.3	1.0	-119.3	-196.2	112.0	1.0	95.6	0.0
773	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-124.4	1.0	-124.4	-200.8	112.0	1.0	95.6	0.0
774	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-129.5	1.0	-129.5	-205.4	112.0	1.0	95.6	0.0
775	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-134.6	1.0	-134.6	-210.0	112.0	1.0	95.6	0.0
776	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-139.7	1.0	-139.7	-214.6	112.0	1.0	95.6	0.0
777	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-144.8	1.0	-144.8	-219.2	112.0	1.0	95.6	0.0
778	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-149.9	1.0	-149.9	-223.8	112.0	1.0	95.6	0.0
779	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-155.0	1.0	-155.0	-228.4	112.0	1.0	95.6	0.0
780	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-160.1	1.0	-160.1	-233.0	112.0	1.0	95.6	0.0
781	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-165.2	1.0	-165.2	-237.6	112.0	1.0	95.6	0.0
782	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-170.3	1.0	-170.3	-242.2	112.0	1.0	95.6	0.0
783	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-175.4	1.0	-175.4	-246.8	112.0	1.0	95.6	0.0
784	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-180.5	1.0	-180.5	-251.4	112.0	1.0	95.6	0.0
785	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-185.6	1.0	-185.6	-256.0	112.0	1.0	95.6	0.0
786	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-190.7	1.0	-190.7	-260.6	112.0	1.0	95.6	0.0
787	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-195.8	1.0	-195.8	-265.2	112.0	1.0	95.6	0.0
788	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-200.9	1.0	-200.9	-269.8	112.0	1.0	95.6	0.0
789	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-206.0	1.0	-206.0	-274.4	112.0	1.0	95.6	0.0
790	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-211.1	1.0	-211.1	-279.0	112.0	1.0	95.6	0.0
791	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-216.2	1.0	-216.2	-283.6	112.0	1.0	95.6	0.0
792	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-221.3	1.0	-221.3	-288.2	112.0	1.0	95.6	0.0
793	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-226.4	1.0	-226.4	-292.8	112.0	1.0	95.6	0.0
794	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-231.5	1.0	-231.5	-297.4	112.0	1.0	95.6	0.0
795	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-236.6	1.0	-236.6	-302.0	112.0	1.0	95.6	0.0
796	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-241.7	1.0	-241.7	-306.6	112.0	1.0	95.6	0.0
797	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-246.8	1.0	-246.8	-311.2	112.0	1.0	95.6	0.0
798	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-251.9	1.0	-251.9	-315.8	112.0	1.0	95.6	0.0
799	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-257.0	1.0	-257.0	-320.4	112.0	1.0	95.6	0.0
800	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-262.1	1.0	-262.1	-325.0	112.0	1.0	95.6	0.0
801	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-267.2	1.0	-267.2	-329.6	112.0	1.0	95.6	0.0
802	ROY_100.0124	0.875	1.0	1.0	0.875	1.0	-272.3	1.0	-272.3	-334.2	112.0	1.0	95.6	0.0
803	ROY_100.0254	0.875	1.0	1.0	0.875	1.0	-277.4	1.0	-277.4	-338.8	112.0	1.0	95.6	0.0
804	ROY_100.0374	0.875	1.0	1.0	0.875	1.0	-282.5	1.0	-282.5	-343.4	112.0	1.0	95.6	0.0
805	ROY_100.0504	0.875	1.0	1.0	0.875	1.0	-287.6	1.0	-287.6	-348.0	112.0	1.0	95.6	0.0
806	ROY_100.0624	0.875	1.0	1.0	0.875	1.0	-292.7	1.0	-292.7	-352.6	112.0	1.0	95.6	0.0
807	ROY_100.0754	0.875	1.0	1.0	0.875	1.0	-297.8	1.0	-297.8	-357.2	112.0	1.0	95.6	0.0
808	ROY_100.0874	0.875	1.0	1.0	0.875	1.0	-302.9	1.0	-302.9	-361.8	112.0	1.0	95.6	0.0
809	ROY_100.1004	0.875	1.0	1.0	0.875	1.0	-308.0	1.0	-308.0	-366.4	112.0	1.0	95.6	0.0

input: $rgb/cmyk \rightarrow rgba$
output: transfer to $cmy0d$

delta

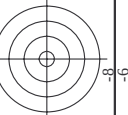


TUB material: code=rha4ta
ny0 (CMY0)

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

PN170-7N 19/22-E

 $\Delta E^* = 6.2$ $\Delta E^* = 6.2$



TUB material: code=rha4ta
ny0 (CMY0)

input: *rgb/cmyk* → *rgbd*
output: transfer to *cmy0d*

TUB-test chart PN17; colour rendering colors and differences, ΔE^* , 3D=0, de=

PN170-7N, 20/22-F

5-0031931-F0

n	HIC ^{Fd}	rgb_{Fid}	lca_{Fid}	$h_{g,Fid}$	rgb^{Fid}	$LubCh^{Fid}$	rgb^{Fid}	$LubCh^{Fid}$	DE^{Fid}	$h_{an,Fid}$	rgb^{Md}	$LubCh^{Md}$	n	HIC ^{Fd}	rgb_{Fid}	lca_{Fid}	$h_{g,Fid}$	rgb^{Fid}	$LubCh^{Fid}$	rgb^{Fid}	$LubCh^{Fid}$	DE^{Fid}	$h_{an,Fid}$	rgb^{Md}	$LubCh^{Md}$
881	NW_100q	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	891	NW_100q	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0
892	B50R_100.012d	1.0	0.875	1.0	1.0	95.6	0.0	95.6	0.0	0.1	1.0	95.6	892	B50R_100.012d	1.0	0.875	1.0	1.0	95.6	0.0	95.6	0.0	1.0	1.0	95.6
893	B50R_100.025d	1.0	0.875	1.0	1.0	83.2	9.9	83.2	9.9	6.9	1.0	83.2	893	B50R_100.025d	1.0	0.875	1.0	1.0	83.2	9.9	83.2	9.9	1.0	1.0	83.2
894	B50R_100.037d	1.0	0.625	1.0	1.0	77.0	29.7	77.0	29.7	25.8	1.0	77.0	894	B50R_100.037d	1.0	0.625	1.0	1.0	77.0	29.7	25.8	1.0	1.0	1.0	77.0
895	B50R_100.050d	1.0	0.5	1.0	1.0	70.8	39.6	70.8	39.6	35.6	1.0	70.8	895	B50R_100.050d	1.0	0.5	1.0	1.0	70.6	35.6	35.6	1.0	1.0	1.0	70.6
896	B50R_100.062d	1.0	0.375	1.0	1.0	64.6	49.5	64.6	49.5	46.7	1.0	64.6	896	B50R_100.062d	1.0	0.375	1.0	1.0	63.5	46.7	46.7	1.0	1.0	1.0	63.5
897	B50R_100.075d	1.0	0.25	1.0	1.0	58.4	59.4	58.4	59.4	58.1	1.0	58.4	897	B50R_100.075d	1.0	0.25	1.0	1.0	57.0	58.1	58.1	1.0	1.0	1.0	57.0
898	B50R_100.087d	1.0	0.125	1.0	1.0	52.3	69.4	52.3	69.4	52.3	1.0	52.3	898	B50R_100.087d	1.0	0.125	1.0	1.0	50.3	70.4	70.4	1.0	1.0	1.0	50.3
899	B50R_100.100d	1.0	0.0	1.0	1.0	46.1	79.3	46.1	79.3	45.4	1.0	46.1	899	B50R_100.100d	1.0	0.0	1.0	1.0	45.4	79.5	79.5	1.0	1.0	1.0	45.4
900	B50R_100.012d	1.0	0.875	1.0	1.0	89.9	8.1	89.9	8.1	7.9	1.0	89.9	900	B50R_100.012d	1.0	0.875	1.0	1.0	89.9	8.1	7.9	1.0	1.0	1.0	89.9
901	NW_087d	1.0	0.875	1.0	0.875	86.7	0.0	86.7	0.0	3.8	1.0	86.7	901	NW_087d	1.0	0.875	1.0	0.875	86.2	1.2	3.6	3.8	1.0	1.0	86.2
902	B50R_087.012d	1.0	0.875	1.0	0.875	80.5	9.9	80.5	9.9	10.1	1.0	80.5	902	B50R_087.012d	1.0	0.875	1.0	0.875	80.1	10.0	2.1	10.2	1.0	1.0	80.1
903	B50R_087.025d	1.0	0.875	1.0	0.875	74.3	19.8	74.3	19.8	18.1	1.0	74.3	903	B50R_087.025d	1.0	0.875	1.0	0.875	74.6	18.0	19.9	18.1	1.0	1.0	74.6
904	B50R_087.037d	1.0	0.875	1.0	0.875	68.1	29.7	68.1	29.7	16.6	1.0	68.1	904	B50R_087.037d	1.0	0.875	1.0	0.875	66.7	30.6	30.6	16.6	1.0	1.0	66.7
905	B50R_087.050d	1.0	0.875	1.0	0.875	61.9	39.6	61.9	39.6	14.0	1.0	61.9	905	B50R_087.050d	1.0	0.875	1.0	0.875	60.5	40.8	40.8	14.0	1.0	1.0	60.5
906	B50R_087.062d	1.0	0.875	1.0	0.875	55.7	49.5	55.7	49.5	10.1	1.0	55.7	906	B50R_087.062d	1.0	0.875	1.0	0.875	54.0	52.3	52.3	10.1	1.0	1.0	54.0
907	B50R_087.075d	1.0	0.875	1.0	0.875	49.5	59.4	49.5	59.4	49.4	1.0	49.5	907	B50R_087.075d	1.0	0.875	1.0	0.875	47.7	64.4	64.4	49.4	1.0	1.0	47.7
908	B50R_087.087d	1.0	0.875	1.0	0.875	43.4	69.4	43.4	69.4	43.4	1.0	43.4	908	B50R_087.087d	1.0	0.875	1.0	0.875	42.9	73.7	73.7	43.4	1.0	1.0	42.9
909	B50R_087.100d	1.0	0.75	1.0	1.0	38.5	79.3	38.5	79.3	38.5	1.0	38.5	909	B50R_087.100d	1.0	0.75	1.0	1.0	37.5	85.6	85.6	38.5	1.0	1.0	37.5
910	B50R_087.012d	1.0	0.875	1.0	0.875	86.7	0.0	86.7	0.0	3.8	1.0	86.7	910	B50R_087.012d	1.0	0.875	1.0	0.875	86.2	1.2	3.6	3.8	1.0	1.0	86.2
911	NW_075d	1.0	0.75	1.0	0.75	71.8	0.0	71.8	0.0	4.3	1.0	71.8	911	NW_075d	1.0	0.75	1.0	0.75	70.5	4.3	9.4	4.3	1.0	1.0	70.5
912	B50R_075.012d	1.0	0.625	1.0	1.0	65.4	19.8	65.4	19.8	14.0	1.0	65.4	912	B50R_075.012d	1.0	0.625	1.0	1.0	64.2	23.9	23.9	14.0	1.0	1.0	64.2
913	B50R_075.025d	1.0	0.625	1.0	1.0	59.2	29.7	59.2	29.7	16.6	1.0	59.2	913	B50R_075.025d	1.0	0.625	1.0	1.0	58.0	34.5	34.5	16.6	1.0	1.0	58.0
914	B50R_075.037d	1.0	0.375	1.0	1.0	53.0	39.6	53.0	39.6	14.0	1.0	53.0	914	B50R_075.037d	1.0	0.375	1.0	1.0	51.7	45.7	45.7	14.0	1.0	1.0	51.7
915	B50R_075.050d	1.0	0.25	1.0	1.0	46.9	49.5	46.9	49.5	10.1	1.0	46.9	915	B50R_075.050d	1.0	0.25	1.0	1.0	45.7	59.7	59.7	10.1	1.0	1.0	45.7
916	B50R_075.062d	1.0	0.125	1.0	1.0	40.6	59.4	40.6	59.4	40.6	1.0	40.6	916	B50R_075.062d	1.0	0.125	1.0	1.0	39.5	64.4	64.4	40.6	1.0	1.0	39.5
917	B50R_075.075d	1.0	0.0	1.0	1.0	34.5	69.4	34.5	69.4	34.5	1.0	34.5	917	B50R_075.075d	1.0	0.0	1.0	1.0	33.4	73.7	73.7	34.5	1.0	1.0	33.4
918	B50R_075.087d	1.0	0.625	1.0	1.0	28.1	79.3	28.1	79.3	28.1	1.0	28.1	918	B50R_075.087d	1.0	0.625	1.0	1.0	27.0	84.9	84.9	28.1	1.0	1.0	27.0
919	B50R_075.100d	1.0	0.625	1.0	1.0	22.9	89.3	22.9	89.3	22.9	1.0	22.9	919	B50R_075.100d	1.0	0.625	1.0	1.0	21.8	94.6	94.6	22.9	1.0	1.0	21.8
920	B50R_075.012d	1.0	0.625	1.0	1.0	16.6	99.3	16.6	99.3	16.6	1.0	16.6	920	B50R_075.012d	1.0	0.625	1.0	1.0	15.5	104.3	104.3	16.6	1.0	1.0	15.5
921	NW_062d	1.0	0.625	1.0	1.0	10.1	8.1	10.1	8.1	3.7	1.0	10.1	921	NW_062d	1.0	0.625	1.0	1.0	9.0	57.5	57.5	3.7	1.0	1.0	9.0
922	B50R_062.012d	1.0	0.625	1.0	1.0	6.9	0.0	6.9	0.0	0.9	1.0	6.9	922	B50R_062.012d	1.0	0.625	1.0	1.0	6.0	5.6	5.6	0.9	1.0	1.0	6.0
923	B50R_062.025d	1.0	0.625	1.0	1.0	6.2	9.9	6.2	9.9	6.2	1.0	6.2	923	B50R_062.025d	1.0	0.625	1.0	1.0	5.9	17.0	17.0	6.2	1.0	1.0	5.9
924	B50R_062.037d	1.0	0.625	1.0	1.0	5.6	19.8	5.6	19.8	5.6	1.0	5.6	924	B50R_062.037d	1.0	0.625	1.0	1.0	5.3	26.9	26.9	5.6	1.0	1.0	5.3
925	B50R_062.050d	1.0	0.625	1.0	1.0	5.0	29.7	5.0	29.7	5.0	1.0	5.0	925	B50R_062.050d	1.0	0.625	1.0	1.0	4.7	38.2	38.2	5.0	1.0	1.0	4.7
926	B50R_062.062d	1.0	0.625	1.0	1.0	4.4	39.6	4.4	39.6	4.4	1.0	4.4	926	B50R_062.062d	1.0	0.625	1.0	1.0	4.2	50.1	50.1	4.4	1.0	1.0	4.2
927	B50R_062.075d	1.0	0.625	1.0	1.0	3.7	49.5	3.7	49.5	3.7	1.0	3.7	927	B50R_062.075d	1.0	0.625	1.0	1.0	3.5	59.5	59.5	3.7	1.0	1.0	3.5
928	B50R_062.087d	1.0	0.625	1.0	1.0	3.0	59.4	3.0	59.4	3.0	1.0	3.0	928	B50R_062.087d	1.0	0.625	1.0	1.0	2.8	69.4	69.4	3.0	1.0	1.0	2.8
929	B50R_062.100d	1.0	0.625	1.0	1.0	2.5	69.4	2.5	69.4	2.5	1.0	2.5	929	B50R_062.100d	1.0	0.625	1.0	1.0	2.4	79.3	79.3	2.5	1.0	1.0	2.4
930	B50R_062.012d	1.0	0.625	1.0	1.0	2.1	79.3	2.1	79.3	2.1	1.0	2.1	930	B50R_062.012d	1.0	0.625	1.0	1.0	2.0	89.3	89.3	2.1	1.0	1.0	2.0
931	NW_050q	1.0	0.625	1.0	1.0	1.6	8.1	1.6	8.1	1.6	1.0	1.6	931	NW_050q	1.0	0.625	1.0	1.0	1.5	7.9	7.9	1.6	1.0	1.0	1.5
932	B50R_050.012d	1.0	0.625	1.0	1.0	1.5	9.9	1.5	9.9	1.5	1.0	1.5	932	B50R_050.012d	1.0	0.625	1.0	1.0	1.4	18.1	18.1	1.5	1.0	1.0	1.4
933	B50R_050.025d	1.0	0.625	1.0	1.0	1.4	19.8	1.4	19.8	1.4	1.0	1.4	933	B50R_050.025d	1.0	0.625	1.0	1.0	1.3	27.3	27.3	1.4	1.0	1.0	1.3
934	B50R_050.037d	1.0	0.625	1.0	1.0	1.3	29.7	1.3	29.7	1.3	1.0	1.3	934	B50R_050.037d	1.0	0.625	1.0	1.0	1.2	38.2	38.2	1.3	1.0	1.0	1.2
935	B50R_050.050d	1.0	0.625	1.0	1.0	1.2	39.6	1.2	39.6	1.2	1.0	1.2	935	B50R_050.050d	1.0	0.625	1.0	1.0	1.1	50.1	50.1	1.2	1.0	1.0	1.1
936	B50R_050.062d	1.0	0.625	1.0	1.0	1.1	49.5	1.1	49.5	1.1	1.0	1.1	936	B50R_050.062d	1.0	0.625	1.0	1.0	1.0	59.5	59.5	1.1	1.0	1.0	1.0
937	B50R_050.075d	1.0	0.625	1.0	1.0	1.0	59.4	1.0	59.4	1.0	1.0	1.0	937	B50R_050.075d	1.0	0.625	1.0	1.0	0.9	69.4	69.4	1.0	1.0	1.0	0.9
938	B50R_050.087d	1.0	0.625	1.0	1.0	0.9	69.4	0.9	69.4	0.9	1.0	0.9	938	B50R_050.087d	1.0	0.625	1.0	1.0	0.8	79.3	79.3	0.9	1.0	1.0	0.8
939	B50R_050.100d	1.0	0.625	1.0	1.0	0.8	79.3	0.8	79.3	0.8	1.0	0.8	939	B50R_050.100d	1.0	0.625	1.0	1.0	0.7	89.3	89.3	0.8	1.0	1.0	0.7
940	B50R_050.012d	1.0	0.625	1.0	1.0	0.7	89.3	0.7	89.3	0.7	1.0	0.7	940	B50R_050.012d	1.0	0.625	1.0	1.0	0.6	99.3	99.3	0.7	1.0	1.0	0.6
941	NW_037d	1.0	0.625																						



TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0*

5-0032034-FC

PN170-7N 21/22-E

5-0032031-F0

see similar files: <http://130.149.60.45/~farbmatrik/PN17/PN17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PN17/PN17LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/22

n	HIC ^{Fid}	rgb ^{Fid}	ICL ^{Fid}	ha ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	DF ^{Fid}	ha ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}	DF ^{Fid}	ha ^{Fid}	rgb ^{Fid}	LabCh ^{Fid}			
9772	NW_0004	0.0	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	2.2	360	1.0	1.0	956	0.0	
9773	NW_0124	0.125	0.125	0.125	0.0	0.0	0.125	0.125	0.0	0.125	26.4	0.0	0.0	0.125	26.4	10.1	360	1.0	1.0	956	0.0
9774	NW_0254	0.25	0.25	0.25	0.0	0.0	0.25	0.25	0.0	0.25	42.5	0.0	0.0	0.25	42.5	13.9	360	1.0	1.0	956	0.0
9775	NW_0374	0.375	0.375	0.375	0.0	0.0	0.375	0.375	0.0	0.375	51.0	0.0	0.0	0.375	51.0	15.9	360	1.0	1.0	956	0.0
9776	NW_0504	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.5	60.0	0.0	0.0	0.5	60.0	14.2	360	1.0	1.0	956	0.0
9777	NW_0624	0.625	0.625	0.625	0.0	0.0	0.625	0.625	0.0	0.625	68.9	0.0	0.0	0.625	68.9	10.6	360	1.0	1.0	956	0.0
9778	NW_0754	0.75	0.75	0.75	0.0	0.0	0.75	0.75	0.0	0.75	77.8	0.0	0.0	0.75	77.8	6.3	360	1.0	1.0	956	0.0
9779	NW_0874	0.875	0.875	0.875	0.0	0.0	0.875	0.875	0.0	0.875	86.7	0.0	0.0	0.875	86.7	3.6	360	1.0	1.0	956	0.0
9780	NW_1004	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	1.0	95.6	0.0	0.0	0.0	0.0	0.0	0.0
9781	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9782	NW_0124	0.125	0.125	0.125	0.0	0.0	0.125	0.125	0.0	0.125	24.3	0.0	0.0	0.125	24.3	0.0	0.0	0.125	0.125	0.0	0.0
9783	NW_0254	0.25	0.25	0.25	0.0	0.0	0.25	0.25	0.0	0.25	33.2	0.0	0.0	0.25	33.2	0.0	0.0	0.25	0.25	0.0	0.0
9784	NW_0374	0.375	0.375	0.375	0.0	0.0	0.375	0.375	0.0	0.375	42.1	0.0	0.0	0.375	42.1	0.0	0.0	0.375	0.375	0.0	0.0
9785	NW_0504	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.5	60.0	0.0	0.0	0.5	60.0	0.0	0.0	0.5	0.5	0.0	0.0
9786	NW_0624	0.625	0.625	0.625	0.0	0.0	0.625	0.625	0.0	0.625	68.9	0.0	0.0	0.625	68.9	0.0	0.0	0.625	0.625	0.0	0.0
9787	NW_0754	0.75	0.75	0.75	0.0	0.0	0.75	0.75	0.0	0.75	77.8	0.0	0.0	0.75	77.8	0.0	0.0	0.75	0.75	0.0	0.0
9788	NW_0874	0.875	0.875	0.875	0.0	0.0	0.875	0.875	0.0	0.875	86.7	0.0	0.0	0.875	86.7	0.0	0.0	0.875	0.875	0.0	0.0
9789	NW_1004	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	1.0	95.6	0.0	0.0	1.0	1.0	0.0	0.0
9790	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9791	NW_0124	0.125	0.125	0.125	0.0	0.0	0.125	0.125	0.0	0.125	24.3	0.0	0.0	0.125	24.3	0.0	0.0	0.125	0.125	0.0	0.0
9792	NW_0254	0.25	0.25	0.25	0.0	0.0	0.25	0.25	0.0	0.25	33.2	0.0	0.0	0.25	33.2	0.0	0.0	0.25	0.25	0.0	0.0
9793	NW_0374	0.375	0.375	0.375	0.0	0.0	0.375	0.375	0.0	0.375	42.1	0.0	0.0	0.375	42.1	0.0	0.0	0.375	0.375	0.0	0.0
9794	NW_0504	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.5	60.0	0.0	0.0	0.5	60.0	0.0	0.0	0.5	0.5	0.0	0.0
9795	NW_0624	0.625	0.625	0.625	0.0	0.0	0.625	0.625	0.0	0.625	68.9	0.0	0.0	0.625	68.9	0.0	0.0	0.625	0.625	0.0	0.0
9796	NW_0754	0.75	0.75	0.75	0.0	0.0	0.75	0.75	0.0	0.75	77.8	0.0	0.0	0.75	77.8	0.0	0.0	0.75	0.75	0.0	0.0
9797	NW_0874	0.875	0.875	0.875	0.0	0.0	0.875	0.875	0.0	0.875	86.7	0.0	0.0	0.875	86.7	0.0	0.0	0.875	0.875	0.0	0.0
9798	NW_1004	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	1.0	95.6	0.0	0.0	1.0	1.0	0.0	0.0
9799	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9800	NW_0124	0.125	0.125	0.125	0.0	0.0	0.125	0.125	0.0	0.125	24.3	0.0	0.0	0.125	24.3	0.0	0.0	0.125	0.125	0.0	0.0
9801	NW_0254	0.25	0.25	0.25	0.0	0.0	0.25	0.25	0.0	0.25	33.2	0.0	0.0	0.25	33.2	0.0	0.0	0.25	0.25	0.0	0.0
9802	NW_0374	0.375	0.375	0.375	0.0	0.0	0.375	0.375	0.0	0.375	42.1	0.0	0.0	0.375	42.1	0.0	0.0	0.375	0.375	0.0	0.0
9803	NW_0504	0.5	0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.5	60.0	0.0	0.0	0.5	60.0	0.0	0.0	0.5	0.5	0.0	0.0
9804	NW_0624	0.625	0.625	0.625	0.0	0.0	0.625	0.625	0.0	0.625	68.9	0.0	0.0	0.625	68.9	0.0	0.0	0.625	0.625	0.0	0.0
9805	NW_0754	0.75	0.75	0.75	0.0	0.0	0.75	0.75	0.0	0.75	77.8	0.0	0.0	0.75	77.8	0.0	0.0	0.75	0.75	0.0	0.0
9806	NW_0874	0.875	0.875	0.875	0.0	0.0	0.875	0.875	0.0	0.875	86.7	0.0	0.0	0.875	86.7	0.0	0.0	0.875	0.875	0.0	0.0
9807	NW_1004	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	1.0	95.6	0.0	0.0	1.0	1.0	0.0	0.0
9808	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9809	NW_0064	0.066	0.066	0.066	0.0	0.0	0.066	0.066	0.0	0.066	26.0	0.0	0.0	0.066	26.0	5.8	0.0	0.066	0.066	0.0	0.0
9810	NW_0134	0.133	0.133	0.133	0.0	0.0	0.133	0.133	0.0	0.133	33.8	0.0	0.0	0.133	33.8	8.4	0.0	0.133	0.133	0.0	0.0
9811	NW_0204	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.2	38.6	0.0	0.0	0.2	38.6	9.7	0.0	0.2	0.2	0.0	0.0
9812	NW_0264	0.266	0.266	0.266	0.0	0.0	0.266	0.266	0.0	0.266	43.3	0.0	0.0	0.266	43.3	9.1	0.0	0.266	0.266	0.0	0.0
9813	NW_0334	0.333	0.333	0.333	0.0	0.0	0.333	0.333	0.0	0.333	48.1	0.0	0.0	0.333	48.1	10.4	0.0	0.333	0.333	0.0	0.0
9814	NW_0404	0.4	0.4	0.4	0.0	0.0	0.4	0.4	0.0	0.4	52.8	0.0	0.0	0.4	52.8	10.9	0.0	0.4	0.4	0.0	0.0
9815	NW_0464	0.466	0.466	0.466	0.0	0.0	0.466	0.466	0.0	0.466	57.3	0.0	0.0	0.466	57.3	12.0	0.0	0.466	0.466	0.0	0.0
9816	NW_0534	0.533	0.533	0.533	0.0	0.0	0.533	0.533	0.0	0.533	62.3	0.0	0.0	0.533	62.3	14.3	0.0	0.533	0.533	0.0	0.0
9817	NW_0604	0.6	0.6	0.6	0.0	0.0	0.6	0.6	0.0	0.6	67.1	0.0	0.0	0.6	67.1	16.6	0.0	0.6	0.6	0.0	0.0
9818	NW_0664	0.666	0.666	0.666	0.0	0.0	0.666	0.666	0.0	0.666	71.8	0.0	0.0	0.666	71.8	18.8	0.0	0.666	0.666	0.0	0.0
9819	NW_0734	0.734	0.734	0.734	0.0	0.0	0.734	0.734	0.0	0.734	76.6	0.0	0.0	0.734	76.6	21.1	0.0	0.734	0.734	0.0	0.0
9820	NW_0804	0.8	0.8	0.8	0.0	0.0	0.8	0.8	0.0	0.8	81.3	0.0	0.0	0.8	81.3	23.8	0.0	0.8	0.8	0.0	0.0
9821	NW_0864	0.866	0.866	0.866	0.0	0.0	0.866	0.866	0.0	0.866	86.0	0.0	0.0	0.866	86.0	26.6	0.0	0.866	0.866	0.0	0.0
9822	NW_0934	0.933	0.933	0.933	0.0	0.0	0.933	0.933	0.0	0.933	90.8	0.0	0.0	0.933	90.8	30.0	0.0	0.933	0.933	0.0	0.0
9823	NW_1004	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	1.0	95.6	33.3	0.0	1.0	1.0	0.0	0.0
9824	NW_0004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9825	NW_0064	0.066	0.066	0.066	0.0	0.0	0.066	0.066	0.0	0.066	29.0	0.0	0.0	0.066	29.0	6.1	0.0	0.066	0.066	0.0	0.0
9826	NW_0134	0.133	0.133	0.133	0.0	0.0	0.133	0.133	0.0	0.133	33.8	0.0	0.0	0.133	33.8	8.6	0.0	0.133	0.133	0.0	0.0
9827	NW_0204	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.2	38.6	0.0	0.0	0.2	38.6	9.8	0.0	0.2	0.2	0.0	0.0
9828	NW_0264	0.266	0.266	0.266	0.0	0.0	0.266	0.266	0.0	0.266	43.3	0.0	0.0	0.266	43.3	10.9	0.0	0.266	0.266	0.0	0.0
9829	NW_0334	0.333	0.333	0.333	0.0	0.0	0.333	0.333	0.0	0.333	48.1	0.0	0.0	0.333	48.1	12.0	0.0	0.333	0.333	0.0	0.0
9830	NW_0404	0.4	0.4	0.4	0.0	0.0	0.4	0.4	0.0	0.4	52.8	0.0	0.0	0.4	52.8	13.1	0.0	0.4	0.4	0.0	0.0
9831	NW_0464	0.466	0.466	0.466	0.0	0.0	0.466	0.466	0.0	0.466	57.3	0.0	0.0	0.466	57.3	14.3	0.0	0.466	0.466	0.0	0.0
9832	NW_0534	0.533	0.533	0.533	0.0	0.0	0.533	0.533	0.0	0.533	62.3	0.0	0.0	0.533	62.3	15.5	0.0	0.533	0.533	0.0	0.0
9833	NW_0604	0.6	0.6	0.6	0.0	0.0	0.6	0.6	0.0	0.6	67.1	0.0	0.0	0.6	67.1	16.6	0.0	0.6	0.6		

 $\Delta E^* = 9.2$

n	HfC*Fid	rgb_Fid	icT_Fid	h ₅ _Fid	rgb*Fid	LabCh*Fid	h ₅ _Fid	rgb*Fid	LabCh*Fid	DF*Fid	h ₅ _d	rgb*Md	LabCh*Md	DF*Fid	h ₅ _d	rgb*Md	LabCh*Md
1053	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	NW_006q	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1057	NW_013q	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1058	NW_020q	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1059	NW_026q	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1060	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1061	NW_040q	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1062	NW_046q	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1063	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1064	NW_060q	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1065	NW_066q	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1066	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1067	NW_080q	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1068	NW_086q	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1069	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1070	NW_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1071	NW_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	NW_100q	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1073	ROY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	ROY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1075	G50B_100_100d	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1076	Y06G_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1077	B06B_100_100d	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1078	B06B_100_100d	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1079	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

delta E** = 5.6

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

TUB-test chart PN17; colour rendering
colors and differences, ΔE^* , 3D=0, de=0, *cmy0*