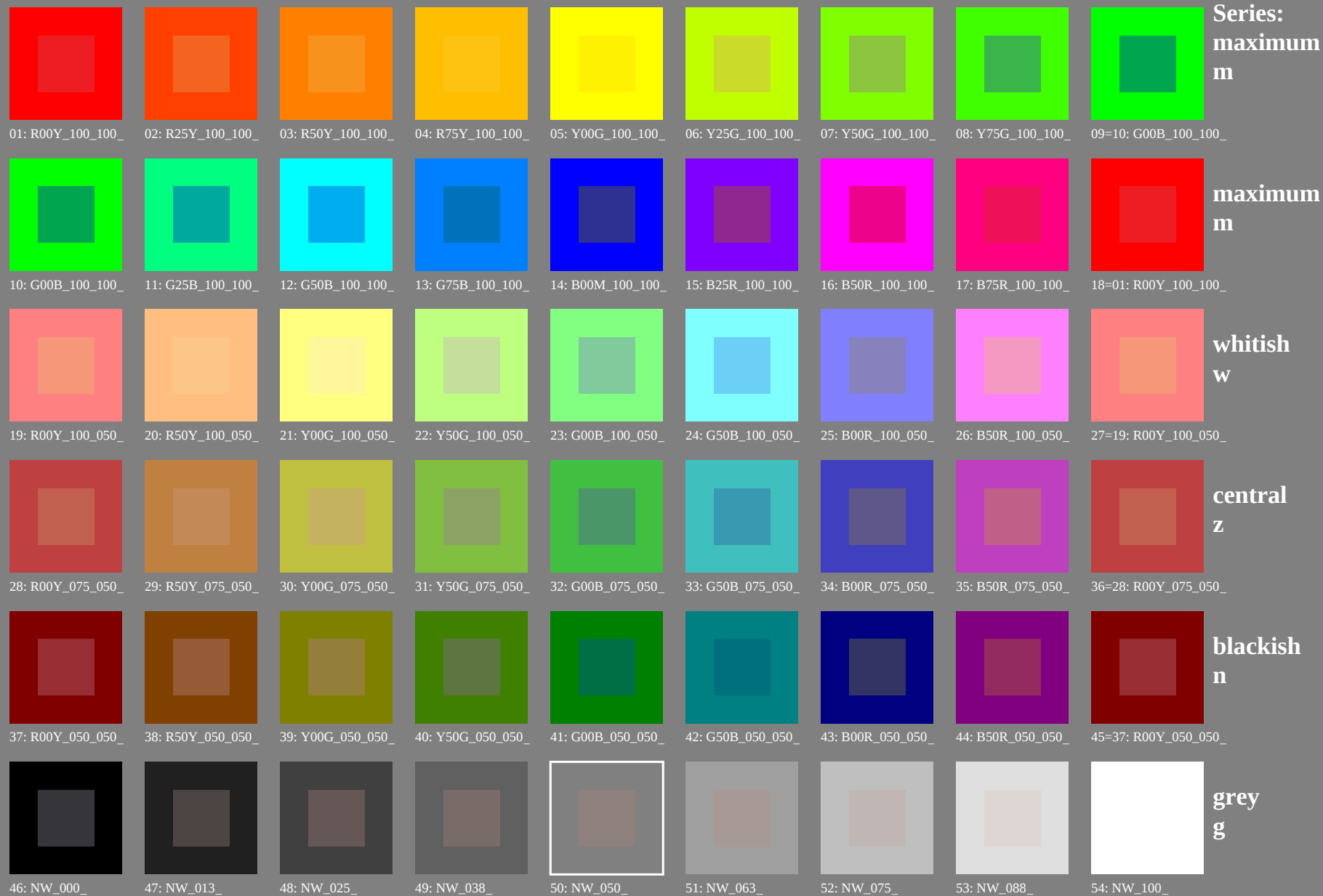


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK)



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

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

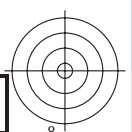
TUB registration: 20130201-PN15/PN15L0NP.PDF/.PS TUB material
 application for measurement of offset print output, separation cmyk6 (CMYK)

TUB material: code=rh4ta

see similar files: <http://130.149.60.45/~farbmeterik/PN15/PN15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

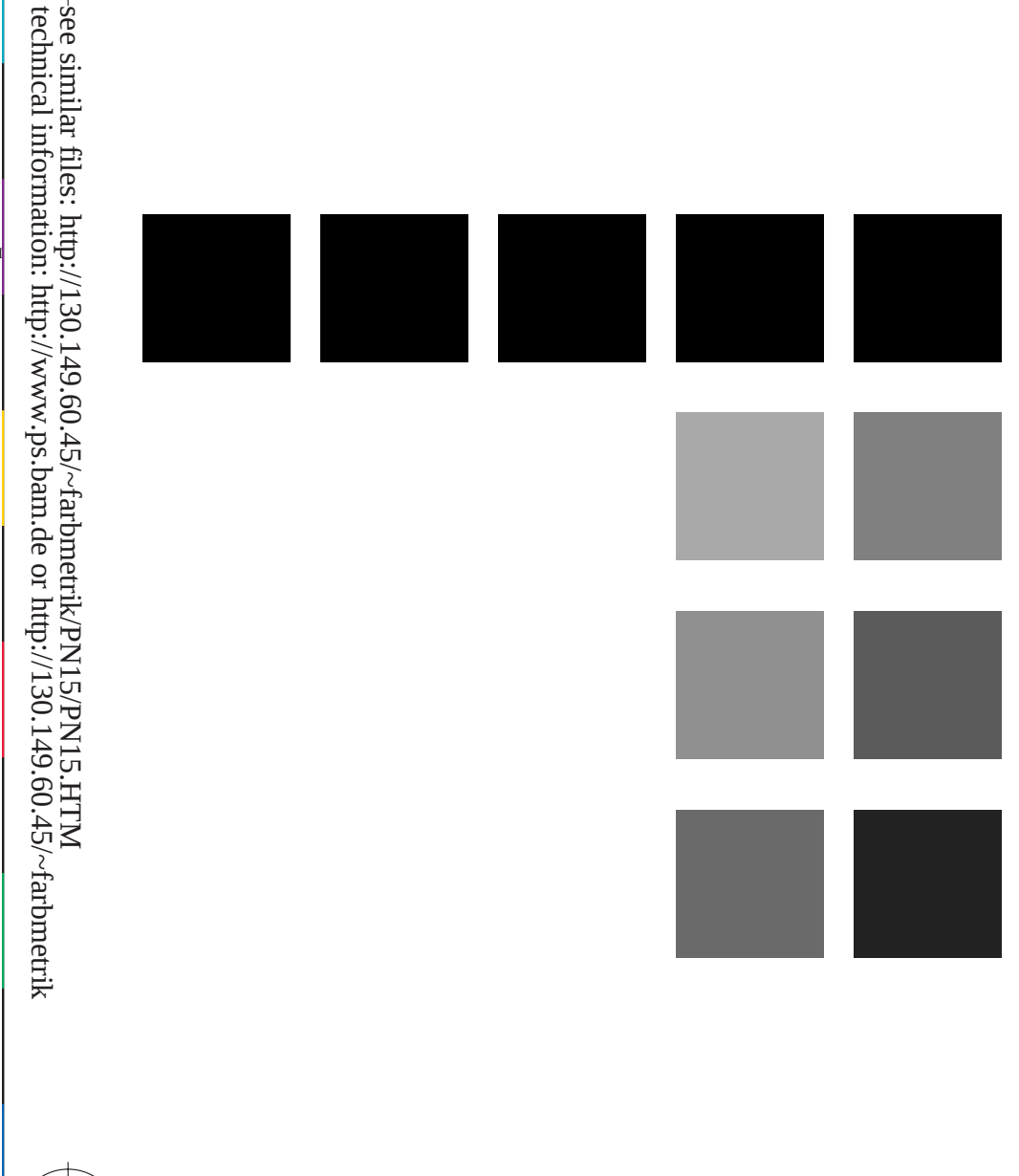
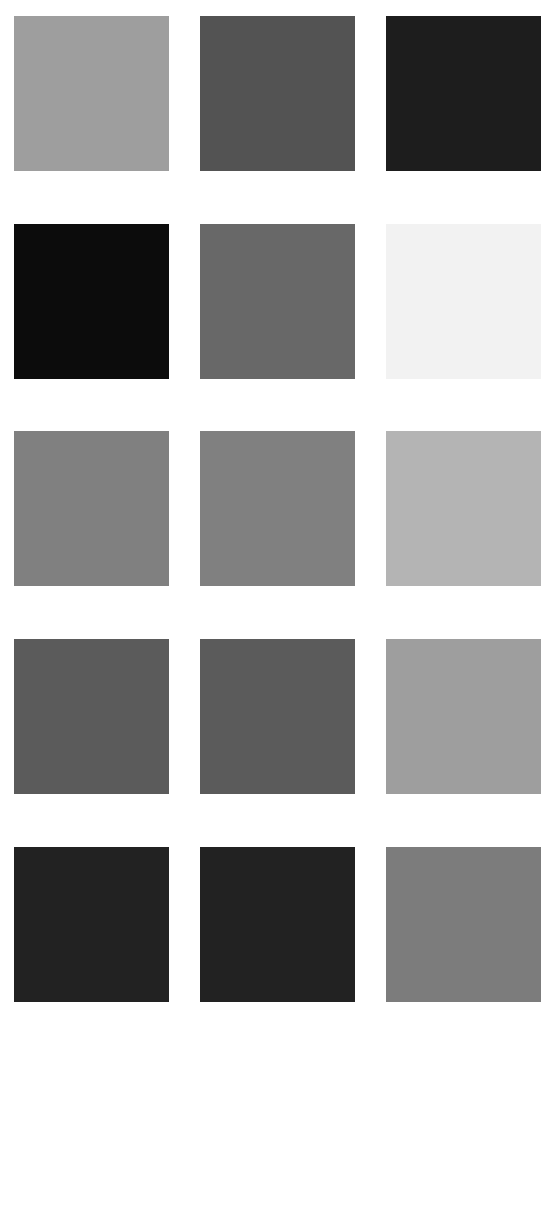
TUB-test chart PN15; colour rendering
54 standard colors, 3D=0, de=1, *cm* *yk*

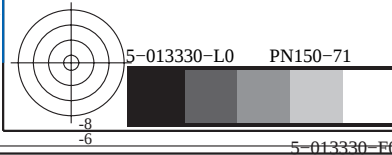
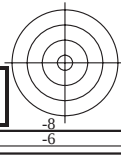
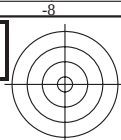
input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_o$



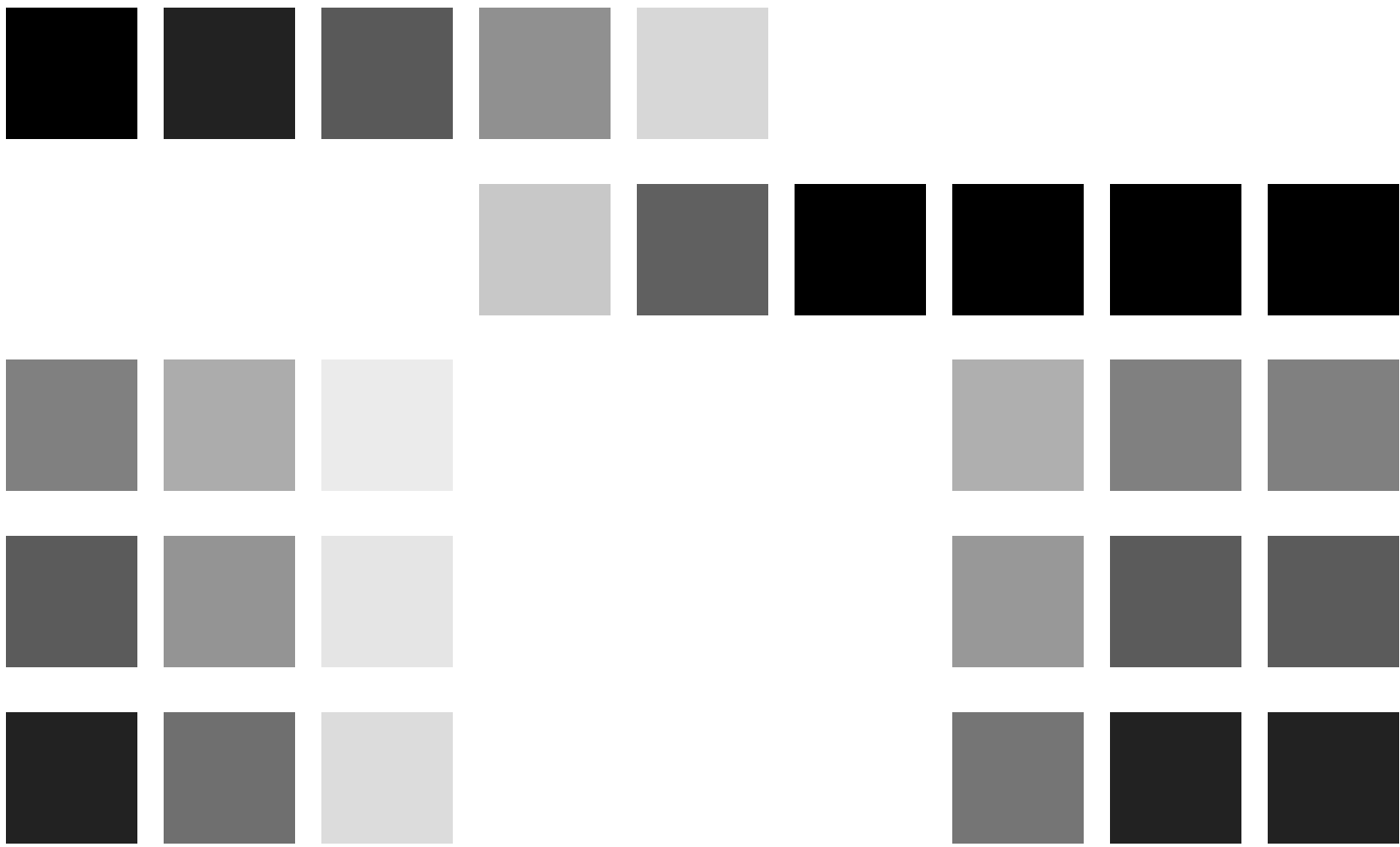


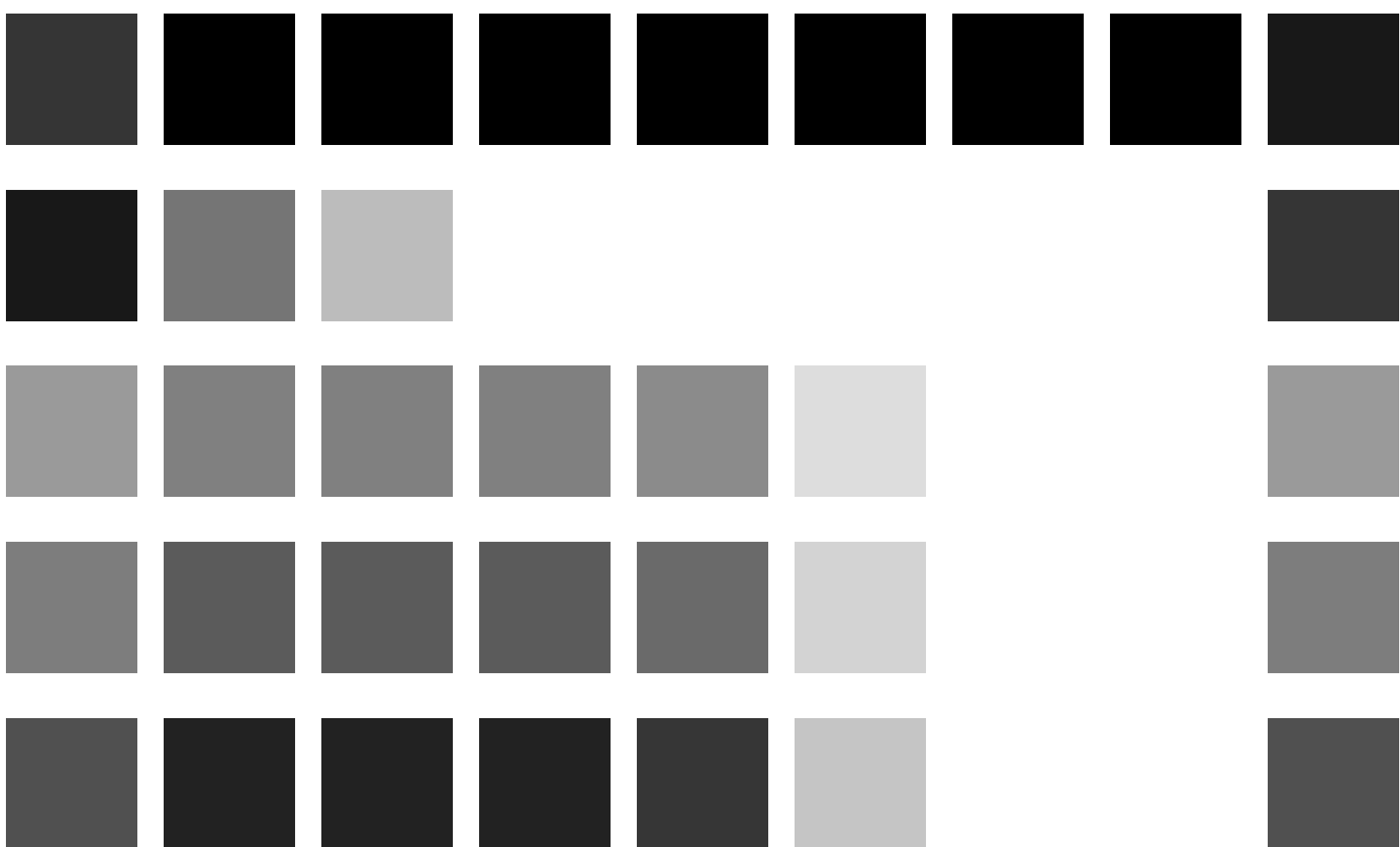
input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

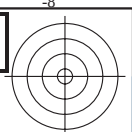




see similar files: <http://130.149.60.45/~farbmetrik/PN15/PN15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



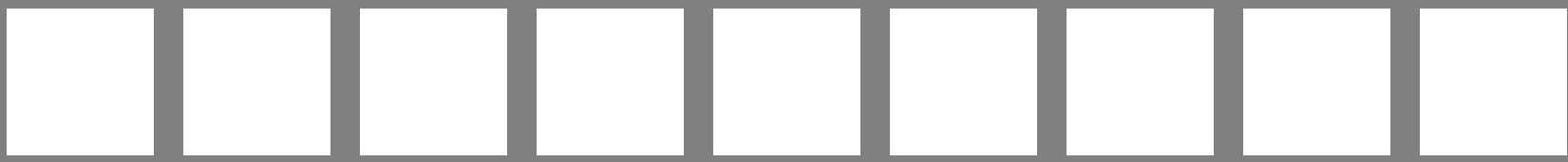




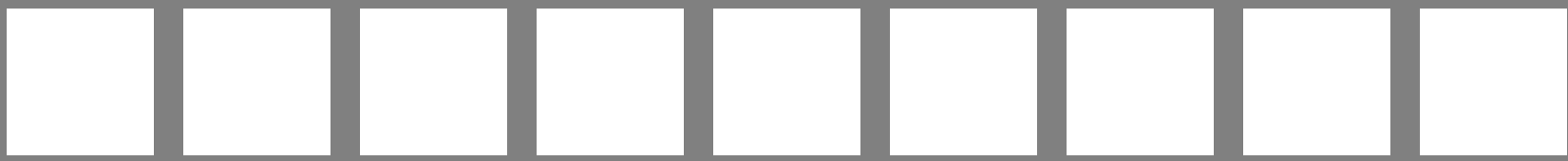
http://130.149.60.45/~farbmetrik/PN15/PN15L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/22

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/22

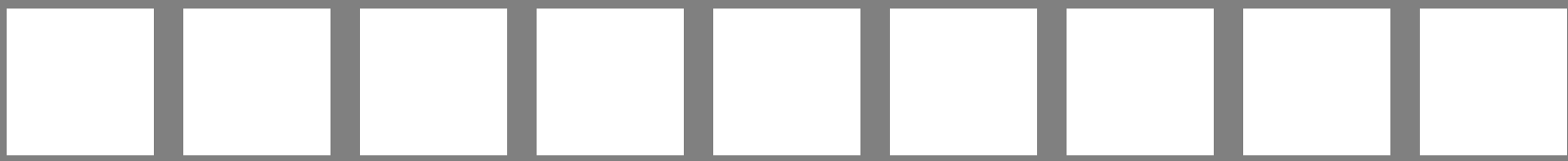
Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb^*e$



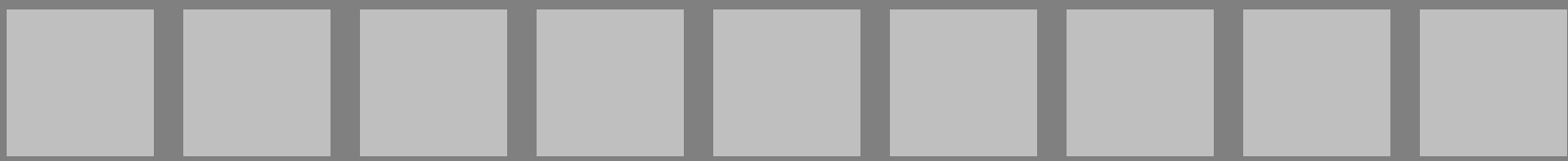
Series:
maximum
m



maximum
m



whitish
w



central
Z

blackish
n



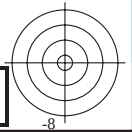
grey
g

46: NW_000_e 47: NW_013_e 48: NW_025_e 49: NW_038_e 50: NW_050_e 51: NW_063_e 52: NW_075_e 53: NW_088_e 54: NW_100_e

5-013530-L0 PN150-71

TUB-test chart PN15; colour rendering
54 standard colors, 3D=0, de=1, *cm*yk

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$



see similar files: <http://130.149.60.45/~farbmeterik/PN15/PN15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20130201-PN15/PN15L0NP.PDF /.PS TUB material: code=rh4ata
- application for measurement of offset print output, separation cmykn6 (CMYK)



TUB material: code=rha4ta
nyn6 (CMYK)

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



PN150-7N 702-E

[illegible]

n/f	HC*Fe	rgb_Fe	ic_Fe	hs_Fe	rgb_Fe	LabCH*Fe	71.9	25.4	rgb_Fe	LabCH*Fe	DF*Fe	hs_Me	rgb_Me	LabCH*Me	71.9	25.4
0/648	R00Y_100_100e	1.0	0.0	1.0	0.5	390	47.6	64.9	1.0	0.0209	47.6	64.9	1.0	0.0209	47.6	64.9
1/666	R25Y_100_100e	1.0	0.25	1.0	0.5	44.0	51.5	54.2	1.0	0.133	51.5	54.2	1.0	0.133	51.5	54.2
2/684	R50Y_100_100e	1.0	0.5	1.0	0.5	60	60.3	59.0	1.0	0.349	60.3	59.0	1.0	0.349	60.3	59.0
3/702	R75Y_100_100e	1.0	0.75	1.0	0.5	76	70.4	72.2	1.0	0.563	70.4	72.2	1.0	0.563	70.4	72.2
4/720	Y00C_100_100e	1.0	1.0	1.0	0.5	100	82.9	87.8	1.0	0.841	82.9	87.8	1.0	0.841	82.9	87.8
5/738	Y25C_100_100e	0.75	1.0	1.0	0.5	104	76.9	75.9	1.0	0.619	76.9	75.9	1.0	0.619	76.9	75.9
6/756	Y50C_100_100e	0.5	1.0	1.0	0.5	120	65.8	64.4	1.0	0.326	65.8	64.4	1.0	0.326	65.8	64.4
7/774	Y75C_100_100e	0.25	1.0	1.0	0.5	136	56.9	56.3	1.0	0.113	56.9	56.3	1.0	0.113	56.9	56.3
8/792	G00B_100_100e	0.0	1.0	1.0	0.5	150	52.4	67.1	1.0	0.093	52.4	67.1	1.0	0.093	52.4	67.1
9/792	G00B_100_100e	0.0	1.0	1.0	0.5	150	52.4	67.1	1.0	0.093	52.4	67.1	1.0	0.093	52.4	67.1
10/76	G25B_100_100e	0.0	1.0	1.0	0.5	180	54.6	53.2	1.0	0.046	54.6	53.2	1.0	0.046	54.6	53.2
11/840	G50B_100_100e	0.0	1.0	1.0	0.5	210	56.6	56.6	1.0	0.735	56.6	56.6	1.0	0.735	56.6	56.6
12/840	G75B_100_100e	0.0	1.0	1.0	0.5	240	52.7	52.7	1.0	0.784	52.7	52.7	1.0	0.784	52.7	52.7
13/8	B00M_100_100e	0.0	0.0	1.0	0.5	270	37.9	1.3	1.0	0.374	1.3	1.3	1.0	0.374	1.3	1.3
14/332	B25R_100_100e	0.5	0.0	1.0	0.5	300	26.6	26.6	1.0	0.045	26.6	26.6	1.0	0.045	26.6	26.6
15/652	B50R_100_100e	1.0	0.0	1.0	0.5	330	34.8	49.2	1.0	0.348	49.2	34.8	1.0	0.348	49.2	34.8
16/652	B75R_100_100e	1.0	0.0	1.0	0.5	360	47.3	71.5	1.0	0.473	71.5	47.3	1.0	0.473	71.5	47.3
17/648	R00Y_100_100e	1.0	0.0	1.0	0.5	390	47.6	64.9	1.0	0.0209	47.6	64.9	1.0	0.0209	47.6	64.9
18/688	R00Y_100_050e	1.0	0.5	1.0	0.5	390	71.5	32.4	1.0	0.604	71.5	32.4	1.0	0.604	71.5	32.4
19/706	R50Y_100_050e	1.0	0.75	1.0	0.5	420	77.9	17.8	1.0	0.674	77.9	17.8	1.0	0.674	77.9	17.8
20/724	Y00C_100_050e	1.0	1.0	1.0	0.5	450	89.2	43.9	1.0	0.92	89.2	43.9	1.0	0.92	89.2	43.9
21/664	Y25C_100_050e	0.75	1.0	1.0	0.5	480	80.6	20.7	1.0	0.5	80.6	20.7	1.0	0.5	80.6	20.7
22/400	G00B_100_050e	0.5	1.0	1.0	0.5	510	73.9	33.8	1.0	0.346	73.9	33.8	1.0	0.346	73.9	33.8
23/468	B00R_100_050e	0.5	0.0	1.0	0.5	540	67.0	19.8	1.0	0.687	67.0	19.8	1.0	0.687	67.0	19.8
25/692	B50R_100_050e	1.0	0.5	1.0	0.5	570	65.1	24.6	1.0	0.703	65.1	24.6	1.0	0.703	65.1	24.6
26/688	R00Y_100_050e	1.0	0.5	1.0	0.5	570	65.1	24.6	1.0	0.703	65.1	24.6	1.0	0.703	65.1	24.6
27/506	R00Y_075_050e	0.75	0.25	0.75	0.5	570	65.1	24.6	1.0	0.703	65.1	24.6	1.0	0.703	65.1	24.6
28/524	R50Y_075_050e	0.75	0.5	0.75	0.5	600	71.5	32.4	1.0	0.604	71.5	32.4	1.0	0.604	71.5	32.4
29/542	Y00C_075_050e	0.75	0.75	0.75	0.5	630	89.2	43.9	1.0	0.92	89.2	43.9	1.0	0.92	89.2	43.9
30/218	G00B_075_050e	0.25	0.75	0.25	0.5	660	73.9	33.8	1.0	0.346	73.9	33.8	1.0	0.346	73.9	33.8
31/218	G00B_075_050e	0.25	0.75	0.25	0.5	660	73.9	33.8	1.0	0.346	73.9	33.8	1.0	0.346	73.9	33.8
32/222	G50B_075_050e	0.25	0.75	0.25	0.5	690	73.9	33.8	1.0	0.346	73.9	33.8	1.0	0.346	73.9	33.8
33/186	B00R_075_050e	0.25	0.25	0.75	0.5	720	67.0	19.8	1.0	0.687	67.0	19.8	1.0	0.687	67.0	19.8
34/510	B50R_075_050e	0.75	0.25	0.75	0.5	750	71.5	32.4	1.0	0.604	71.5	32.4	1.0	0.604	71.5	32.4
35/506	R00Y_075_050e	0.75	0.25	0.75	0.5	750	71.5	32.4	1.0	0.604	71.5	32.4	1.0	0.604	71.5	32.4
36/324	R00Y_050_050e	0.5	0.0	0.5	0.25	390	47.6	64.9	1.0	0.0209	47.6	64.9	1.0	0.0209	47.6	64.9
37/342	R50Y_050_050e	0.5	0.25	0.5	0.25	420	77.9	17.8	1.0	0.674	77.9	17.8	1.0	0.674	77.9	17.8
38/360	Y00C_050_050e	0.5	0.5	0.5	0.25	450	89.2	43.9	1.0	0.92	89.2	43.9	1.0	0.92	89.2	43.9
39/198	Y50C_050_050e	0.25	0.5	0.5	0.25	480	80.6	20.7	1.0	0.5	80.6	20.7	1.0	0.5	80.6	20.7
40/36	G00B_050_050e	0.0	0.5	0.5	0.25	150	52.4	67.1	1.0	0.093	52.4	67.1	1.0	0.093	52.4	67.1
41/40	G50B_050_050e	0.0	0.5	0.5	0.25	210	56.6	56.6	1.0	0.735	56.6	56.6	1.0	0.735	56.6	56.6
42/4	B00R_050_050e	0.0	0.5	0.5	0.25	270	37.9	1.3	1.0	0.374	1.3	1.3	1.0	0.374	1.3	1.3
43/328	B50R_050_050e	0.5	0.0	0.5	0.25	330	34.8	49.2	1.0	0.348	49.2	34.8	1.0	0.348	49.2	34.8
44/324	R00Y_050_050e	0.5	0.0	0.5	0.25	390	47.6	64.9	1.0	0.0209	47.6	64.9	1.0	0.0209	47.6	64.9
45/0	NW_00e	0.0	0.0	0.0	0.0	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
46/91	NW_01e	0.125	0.125	0.125	0.125	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
47/182	NW_02e	0.25	0.25	0.25	0.25	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
48/273	NW_03e	0.375	0.375	0.375	0.375	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
49/364	NW_05e	0.5	0.5	0.5	0.5	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
50/455	NW_06e	0.625	0.625	0.625	0.625	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
51/66	NW_08e	0.75	0.75	0.75	0.75	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
52/66	NW_08e	0.75	0.75	0.75	0.75	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
53/728	NW_10e	1.0	1.0	1.0	1.0	360	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0

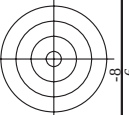
delta E* = 12.3

input: rgb/cmyk -> rgbe
output: transfer to cmykeTUB-test chart PN15; colour rendering
colors and differences, ΔE*, 3D=0, de=1, cmyk

PN15-7N, 8/22-F

5-013730-F0

n-j	H1C*Fe	rgb*Fe	kt*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	h ₅₄ Fe	rgb*Fe</
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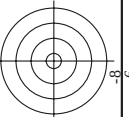


TUB material: code=rha4ta
nyn6 (CMYK)

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

[illegible]

n	H1C*Fe	rgb-Fe	icL-Fe	hsa-Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe
324	R050_050_050a	0.5	0.0	0.0	0.5	0.0	0.0	23.9	42.1	34.6	34.6	34.6
325	R050_050_050b	0.5	0.0	0.125	0.5	0.0	0.125	35.7	45.9	36.7	35.7	35.7
326	R050_050_050c	0.5	0.0	0.25	0.5	0.0	0.25	38.0	48.9	38.9	38.0	38.0
327	R050_050_050d	0.5	0.0	0.375	0.5	0.0	0.375	40.2	51.9	41.9	40.2	40.2
328	R050_050_050e	0.5	0.0	0.5	0.5	0.0	0.5	42.0	54.9	44.9	42.0	42.0
329	R050_050_050f	0.5	0.0	0.625	0.5	0.0	0.625	44.2	57.9	47.9	44.2	44.2
330	R050_050_050g	0.5	0.0	0.75	0.5	0.0	0.75	46.4	60.9	50.9	46.4	46.4
331	R050_050_050h	0.5	0.0	0.875	0.5	0.0	0.875	48.6	63.9	53.9	48.6	48.6
332	R050_050_050i	0.5	0.0	1.0	0.5	0.0	1.0	50.8	66.9	56.9	50.8	50.8
333	R050_050_050j	0.5	0.125	0.125	0.5	0.00625	0.0	53.0	69.9	59.9	53.0	53.0
334	R050_050_050k	0.5	0.125	0.25	0.5	0.0125	0.125	55.2	72.9	62.9	55.2	55.2
335	R050_050_050l	0.5	0.125	0.375	0.5	0.01875	0.25	57.4	75.9	65.9	57.4	57.4
336	R050_050_050m	0.5	0.125	0.5	0.5	0.025	0.375	59.6	78.9	68.9	59.6	59.6
337	R050_050_050n	0.5	0.125	0.625	0.5	0.03125	0.5	61.8	81.9	71.9	61.8	61.8
338	R050_050_050o	0.5	0.125	0.75	0.5	0.0375	0.625	64.0	84.9	74.9	64.0	64.0
339	R050_050_050p	0.5	0.125	0.875	0.5	0.04375	0.75	66.2	87.9	77.9	66.2	66.2
340	R050_050_050q	0.5	0.125	1.0	0.5	0.05	0.875	68.4	90.9	80.9	68.4	68.4
341	R050_050_050r	0.5	0.25	0.125	0.5	0.00625	0.0	70.6	93.9	83.9	70.6	70.6
342	R050_050_050s	0.5	0.25	0.25	0.5	0.0125	0.125	72.8	96.9	86.9	72.8	72.8
343	R050_050_050t	0.5	0.25	0.375	0.5	0.01875	0.25	75.0	99.9	89.9	75.0	75.0
344	R050_050_050u	0.5	0.25	0.5	0.5	0.025	0.375	77.2	102.9	92.9	77.2	77.2
345	R050_050_050v	0.5	0.25	0.625	0.5	0.03125	0.5	79.4	105.9	95.9	79.4	79.4
346	R050_050_050w	0.5	0.25	0.75	0.5	0.0375	0.625	81.6	108.9	98.9	81.6	81.6
347	R050_050_050x	0.5	0.25	0.875	0.5	0.04375	0.75	83.8	111.9	101.9	83.8	83.8
348	R050_050_050y	0.5	0.25	1.0	0.5	0.05	0.875	86.0	114.9	104.9	86.0	86.0
349	R050_050_050z	0.5	0.375	0.125	0.5	0.00625	0.0	88.2	117.9	107.9	88.2	88.2
350	R050_050_050aa	0.5	0.375	0.25	0.5	0.0125	0.125	90.4	120.9	110.9	90.4	90.4
351	R050_050_050ab	0.5	0.375	0.375	0.5	0.01875	0.25	92.6	123.9	113.9	92.6	92.6
352	R050_050_050ac	0.5	0.375	0.5	0.5	0.025	0.375	94.8	126.9	116.9	94.8	94.8
353	R050_050_050ad	0.5	0.375	0.625	0.5	0.03125	0.5	97.0	129.9	119.9	97.0	97.0
354	R050_050_050ae	0.5	0.375	0.75	0.5	0.0375	0.625	99.2	132.9	122.9	99.2	99.2
355	R050_050_050af	0.5	0.375	0.875	0.5	0.04375	0.75	101.4	135.9	125.9	101.4	101.4
356	R050_050_050ag	0.5	0.375	1.0	0.5	0.05	0.875	103.6	138.9	128.9	103.6	103.6
357	R050_050_050ah	0.5	0.5	0.125	0.5	0.00625	0.0	105.8	141.9	131.9	105.8	105.8
358	R050_050_050ai	0.5	0.5	0.25	0.5	0.0125	0.125	108.0	144.9	134.9	108.0	108.0
359	R050_050_050aj	0.5	0.5	0.375	0.5	0.01875	0.25	110.2	147.9	137.9	110.2	110.2
360	R050_050_050ak	0.5	0.5	0.5	0.5	0.025	0.375	112.4	150.9	140.9	112.4	112.4
361	R050_050_050al	0.5	0.5	0.625	0.5	0.03125	0.5	114.6	153.9	143.9	114.6	114.6
362	R050_050_050am	0.5	0.5	0.75	0.5	0.0375	0.625	116.8	156.9	146.9	116.8	116.8
363	R050_050_050an	0.5	0.5	0.875	0.5	0.04375	0.75	119.0	159.9	149.9	119.0	119.0
364	R050_050_050ao	0.5	0.5	1.0	0.5	0.05	0.875	121.2	162.9	152.9	121.2	121.2
365	R050_050_050ap	0.5	0.625	0.125	0.5	0.00625	0.0	123.4	165.9	155.9	123.4	123.4
366	R050_050_050aq	0.5	0.625	0.25	0.5	0.0125	0.125	125.6	168.9	158.9	125.6	125.6
367	R050_050_050ar	0.5	0.625	0.375	0.5	0.01875	0.25	127.8	171.9	161.9	127.8	127.8
368	R050_050_050as	0.5	0.625	0.5	0.5	0.025	0.375	130.0	174.9	164.9	130.0	130.0
369	R050_050_050at	0.5	0.625	0.625	0.5	0.03125	0.5	132.2	177.9	167.9	132.2	132.2
370	R050_050_050au	0.5	0.625	0.75	0.5	0.0375	0.625	134.4	180.9	170.9	134.4	134.4
371	R050_050_050av	0.5	0.625	0.875	0.5	0.04375	0.75	136.6	183.9	173.9	136.6	136.6
372	R050_050_050aw	0.5	0.625	1.0	0.5	0.05	0.875	138.8	186.9	176.9	138.8	138.8
373	R050_050_050ax	0.5	0.75	0.125	0.5	0.00625	0.0	141.0	189.9	179.9	141.0	141.0
374	R050_050_050ay	0.5	0.75	0.25	0.5	0.0125	0.125	143.2	192.9	182.9	143.2	143.2
375	R050_050_050az	0.5	0.75	0.375	0.5	0.01875	0.25	145.4	195.9	185.9	145.4	145.4
376	R050_050_050ba	0.5	0.75	0.5	0.5	0.025	0.375	147.6	198.9	188.9	147.6	147.6
377	R050_050_050bb	0.5	0.75	0.625	0.5	0.03125	0.5	149.8	201.9	191.9	149.8	149.8
378	R050_050_050bc	0.5	0.75	0.75	0.5	0.0375	0.625	152.0	204.9	194.9	152.0	152.0
379	R050_050_050bd	0.5	0.75	0.875	0.5	0.04375	0.75	154.2	207.9	197.9	154.2	154.2
380	R050_050_050be	0.5	0.75	1.0	0.5	0.05	0.875	156.4	210.9	200.9	156.4	156.4
381	R050_050_050bf	0.5	0.875	0.125	0.5	0.00625	0.0	158.6	213.9	203.9	158.6	158.6
382	R050_050_050bg	0.5	0.875	0.25	0.5	0.0125	0.125	160.8	216.9	206.9	160.8	160.8
383	R050_050_050bh	0.5	0.875	0.375	0.5	0.01875	0.25	163.0	219.9	209.9	163.0	163.0
384	R050_050_050bi	0.5	0.875	0.5	0.5	0.025	0.375	165.2	222.9	212.9	165.2	165.2
385	R050_050_050bj	0.5	0.875	0.625	0.5	0.03125	0.5	167.4	225.9	215.9	167.4	167.4
386	R050_050_050bj	0.5	0.875	0.75	0.5	0.0375	0.625	169.6	228.9	218.9	169.6	169.6
387	R050_050_050bk	0.5	0.875	0.875	0.5	0.04375	0.75	171.8	231.9	221.9	171.8	171.8
388	R050_050_050bl	0.5	0.875	1.0	0.5	0.05	0.875	174.0	234.9	224.9	174.0	174.0
389	R050_050_050bm	0.5	0.875	0.125	0.5	0.00625	0.0	176.2	237.9	227.9	176.2	176.2
390	R050_050_050bn	0.5	0.875	0.25	0.5	0.0125	0.125	178.4	240.9	230.9	178.4	178.4
391	R050_050_050bo	0.5	0.875	0.375	0.5	0.01875	0.25	180.6	243.9	233.9	180.6	180.6
392	R050_050_050bp	0.5	0.875	0.5	0.5	0.025	0.375	182.8	246.9	236.9	182.8	182.8
393	R050_050_050bq	0.5	0.875	0.625	0.5	0.03125	0.5	185.0	249.9	239.9	185.0	185.0
394	R050_050_050br	0.5	0.875	0.75	0.5	0.0375	0.625	187.2	252.9	242.9	187.2	187.2
395	R050_050_050bs	0.5	0.875	0.875	0.5	0.04375	0.75	189.4	255.9	245.9	189.4	189.4
396	R050_050_050bt	0.5	0.875	1.0	0.5	0.05	0.875	191.6	258.9	248.9	191.6	191.6
397	R050_050_050bu	0.5	0.875	0.125	0.5	0.00625	0.0	193.8	261.9	251.9	193.8	193.8
398	R050_050_050bv	0.5	0.875	0.25	0.5	0.0125	0.125	196.0	264.9	254.9	196.0	196.0
399	R050_050_050bw	0.5	0.875	0.375	0.5	0.01875	0.25	198.2	267.9	257.9	198.2	198.2
400	R050_050_050bx	0.5	0.875	0.5	0.5	0.025	0.375	200.4	270.9	260.9	200.4	200.4
401	R050_050_050by	0.5	0.875	0.625	0.5	0.03125	0.5	202.6	273.9	263.9	202.6	202.6
402	R050_050_050bz	0.5	0.875	0.75	0.5	0.0375	0.625	204.8	276.9	266.9	204.8	204.8
403	R050_050_050ca	0.5	0.875	0.875	0.5	0.04375	0.75	207.0	279.9	269.9	207.0	207.0
404	R050_050_050cb	0.5	0.875	1.0	0.5	0.05	0.875	209.2	282.9	272.9	209.2	209.2



TUB material: code=rha4ta
nyn6 (CMYK)

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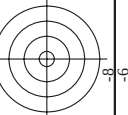
5-0131530-F0	PN150-7N, 1622-F
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n	H1C*Fe	rgb*Fe	ic1*Fe	hs1*Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hs1*Fe	rgb*Fe	LabCh*Fe
648	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	30.9	71.9	25.4	30.9
649	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	64.9	71.9	25.4	64.9
650	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	141.3	69.6	17.6	141.3
651	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	211.1	69.6	17.6	211.1
652	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	281.9	69.6	17.6	281.9
653	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	351.7	69.6	17.6	351.7
654	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	421.5	69.6	17.6	421.5
655	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	491.3	69.6	17.6	491.3
656	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	561.1	69.6	17.6	561.1
657	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	630.9	69.6	17.6	630.9
658	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	700.7	69.6	17.6	700.7
659	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	770.5	69.6	17.6	770.5
660	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	840.3	69.6	17.6	840.3
661	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	910.1	69.6	17.6	910.1
662	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	979.9	69.6	17.6	979.9
663	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1049.7	69.6	17.6	1049.7
664	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1119.5	69.6	17.6	1119.5
665	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1189.3	69.6	17.6	1189.3
666	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1259.1	69.6	17.6	1259.1
667	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1328.9	69.6	17.6	1328.9
668	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1398.7	69.6	17.6	1398.7
669	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1468.5	69.6	17.6	1468.5
670	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1538.3	69.6	17.6	1538.3
671	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1608.1	69.6	17.6	1608.1
672	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1677.9	69.6	17.6	1677.9
673	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1747.7	69.6	17.6	1747.7
674	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1817.5	69.6	17.6	1817.5
675	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1887.3	69.6	17.6	1887.3
676	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	1957.1	69.6	17.6	1957.1
677	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2026.9	69.6	17.6	2026.9
678	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2096.7	69.6	17.6	2096.7
679	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2166.5	69.6	17.6	2166.5
680	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2236.3	69.6	17.6	2236.3
681	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2306.1	69.6	17.6	2306.1
682	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2375.9	69.6	17.6	2375.9
683	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2445.7	69.6	17.6	2445.7
684	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2515.5	69.6	17.6	2515.5
685	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2585.3	69.6	17.6	2585.3
686	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2655.1	69.6	17.6	2655.1
687	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2724.9	69.6	17.6	2724.9
688	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2794.7	69.6	17.6	2794.7
689	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2864.5	69.6	17.6	2864.5
690	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	2934.3	69.6	17.6	2934.3
691	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3004.1	69.6	17.6	3004.1
692	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3073.9	69.6	17.6	3073.9
693	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3143.7	69.6	17.6	3143.7
694	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3213.5	69.6	17.6	3213.5
695	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3283.3	69.6	17.6	3283.3
696	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3353.1	69.6	17.6	3353.1
697	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3422.9	69.6	17.6	3422.9
698	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3492.7	69.6	17.6	3492.7
699	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3562.5	69.6	17.6	3562.5
700	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3632.3	69.6	17.6	3632.3
701	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3702.1	69.6	17.6	3702.1
702	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3771.9	69.6	17.6	3771.9
703	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3841.7	69.6	17.6	3841.7
704	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3911.5	69.6	17.6	3911.5
705	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	3981.3	69.6	17.6	3981.3
706	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4051.1	69.6	17.6	4051.1
707	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4120.9	69.6	17.6	4120.9
708	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4190.7	69.6	17.6	4190.7
709	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4260.5	69.6	17.6	4260.5
710	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4330.3	69.6	17.6	4330.3
711	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4400.1	69.6	17.6	4400.1
712	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4469.9	69.6	17.6	4469.9
713	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4539.7	69.6	17.6	4539.7
714	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4609.5	69.6	17.6	4609.5
715	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4679.3	69.6	17.6	4679.3
716	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4749.1	69.6	17.6	4749.1
717	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4818.9	69.6	17.6	4818.9
718	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4888.7	69.6	17.6	4888.7
719	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	4958.5	69.6	17.6	4958.5
720	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5028.3	69.6	17.6	5028.3
721	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5098.1	69.6	17.6	5098.1
722	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5167.9	69.6	17.6	5167.9
723	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5237.7	69.6	17.6	5237.7
724	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5307.5	69.6	17.6	5307.5
725	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5377.3	69.6	17.6	5377.3
726	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5447.1	69.6	17.6	5447.1
727	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5516.9	69.6	17.6	5516.9
728	R00Y_100.100e	1.0	0.0	0.0	1.0	0.0	0.0	47.6	5586.7	69.6	17.6	5586.7

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n	H1C*Fe	rgb_Fe	ic1_Fe	hs_Fe	rgb_Fe	LabCH*Fe	LabCH*Fe	rgb_Fe	DF*Fe	hs_Fe	LabCH*Fe	rgb_Fe	LabCH*Fe
729	NW_100%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
730	G50B_100.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
731	G50B_100.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
732	G50B_100.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
733	G50B_100.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
734	G50B_100.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
735	G50B_100.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
736	G50B_100.087%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
737	G50B_100.100%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
738	ROY_100.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
739	NW_087%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
740	G50B_087.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
741	G50B_087.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
742	G50B_087.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
743	G50B_087.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
744	G50B_087.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
745	G50B_087.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
746	G50B_087.087%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
747	ROY_100.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
748	ROY_100.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
749	NW_075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
750	G50B_075.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
751	G50B_075.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
752	G50B_075.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
753	G50B_075.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
754	G50B_075.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
755	G50B_075.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
756	ROY_100.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
757	ROY_087.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
758	ROY_075.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
759	NW_062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
760	G50B_062.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
761	G50B_062.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
762	G50B_062.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
763	G50B_062.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
764	G50B_062.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
765	ROY_100.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
766	ROY_087.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
767	ROY_075.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
768	ROY_062.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
769	NW_050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
770	G50B_050.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
771	G50B_050.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
772	G50B_050.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
773	G50B_050.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
774	ROY_100.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
775	ROY_087.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
776	ROY_075.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
777	ROY_062.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
778	ROY_050.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
779	NW_037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
780	G50B_037.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
781	G50B_037.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
782	G50B_037.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
783	ROY_100.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
784	ROY_087.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
785	ROY_075.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
786	ROY_062.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
787	ROY_050.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
788	ROY_037.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
789	NW_025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
790	G50B_025.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
791	G50B_025.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
792	ROY_100.087%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
793	ROY_087.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
794	ROY_075.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
795	ROY_062.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
796	ROY_050.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
797	ROY_037.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
798	NW_012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
799	G50B_012.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
800	G50B_012.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
801	ROY_100.100%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
802	ROY_087.087%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
803	ROY_075.075%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
804	ROY_062.062%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
805	ROY_050.050%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
806	ROY_037.037%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
807	ROY_025.025%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
808	ROY_012.012%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4
809	NW_000%	0.875	1.0	1.0	0.875	1.0	95.4	0.0	0.1	110.4	95.4	1.0	95.4



TUB material: code=rha4ta
nyn6 (CMYK)

TUB-test chart PN15; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmv/k

PN150-7N, 20/22-F

n	HIC ^{Fe}	rgb_{Fe}	$icFe$	$h_{\alpha,Fe}$	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	rgb^{Fe}	DE^{Fe}	h_{α}^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$
881	NW_100k	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
891	B50R_100_012e	1.0	0.875	1.0	95.4	0.0	95.4	1.0	1.0	1.0	0.875	1.0	95.4
892	B50R_100_012e	1.0	0.875	1.0	87.9	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
893	B50R_100_025e	1.0	0.875	1.0	87.9	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
894	B50R_100_037e	1.0	0.875	1.0	80.3	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
895	B50R_100_050e	1.0	0.875	1.0	72.7	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
896	B50R_100_062e	1.0	0.875	1.0	65.1	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
897	B50R_100_075e	1.0	0.875	1.0	57.5	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
898	B50R_100_087e	1.0	0.875	1.0	50.0	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
899	B50R_100_100e	1.0	0.875	1.0	42.4	43.1	-26.3	50.5	328.6	1.0	0.875	1.0	328.6
900	B50R_100_012e	1.0	0.875	1.0	34.8	49.2	-30.0	57.7	328.6	1.0	0.875	1.0	328.6
901	NW_087e	1.0	0.875	1.0	8.3	2.6	8.8	16.2	328.6	1.0	0.875	1.0	328.6
902	B50R_087_012e	1.0	0.875	1.0	85.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
903	B50R_087_025e	1.0	0.875	1.0	85.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
904	B50R_087_037e	1.0	0.875	1.0	78.1	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
905	B50R_087_050e	1.0	0.875	1.0	70.6	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
906	B50R_087_062e	1.0	0.875	1.0	63.0	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
907	B50R_087_075e	1.0	0.875	1.0	55.4	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
908	B50R_087_087e	1.0	0.875	1.0	47.8	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
909	B50R_087_100e	1.0	0.875	1.0	40.2	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
910	B50R_087_012e	1.0	0.875	1.0	32.7	43.1	-26.3	50.5	328.6	1.0	0.875	1.0	328.6
911	NW_075e	1.0	0.875	1.0	84.7	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
912	B50R_075_012e	1.0	0.875	1.0	80.3	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
913	B50R_075_025e	1.0	0.875	1.0	76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
914	B50R_075_037e	1.0	0.875	1.0	68.4	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
915	B50R_075_050e	1.0	0.875	1.0	60.8	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
916	B50R_075_062e	1.0	0.875	1.0	53.3	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
917	B50R_075_075e	1.0	0.875	1.0	45.7	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
918	B50R_075_087e	1.0	0.875	1.0	38.1	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
919	B50R_075_100e	1.0	0.875	1.0	30.9	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
920	B50R_087_012e	1.0	0.875	1.0	25.1	8.0	26.4	16.2	328.6	1.0	0.875	1.0	328.6
921	NW_062e	1.0	0.875	1.0	69.8	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
922	B50R_062_012e	1.0	0.875	1.0	66.3	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
923	B50R_062_025e	1.0	0.875	1.0	60.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
924	B50R_062_037e	1.0	0.875	1.0	58.1	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
925	B50R_062_050e	1.0	0.875	1.0	51.1	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
926	B50R_062_062e	1.0	0.875	1.0	43.5	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
927	B50R_062_075e	1.0	0.875	1.0	36.0	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
928	B50R_062_087e	1.0	0.875	1.0	28.4	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
929	B50R_062_100e	1.0	0.875	1.0	20.9	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
930	B50R_062_012e	1.0	0.875	1.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
931	NW_050k	1.0	0.875	1.0	65.9	-25.1	8.0	26.4	16.2	0.0	0.0	0.0	0.0
932	B50R_050_012e	1.0	0.875	1.0	62.5	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
933	B50R_050_025e	1.0	0.875	1.0	55.1	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
934	B50R_050_037e	1.0	0.875	1.0	49.0	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
935	B50R_050_050e	1.0	0.875	1.0	41.4	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
936	B50R_050_062e	1.0	0.875	1.0	33.8	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
937	B50R_050_075e	1.0	0.875	1.0	26.2	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
938	B50R_050_087e	1.0	0.875	1.0	18.4	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
939	B50R_050_100e	1.0	0.875	1.0	10.9	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
940	NW_037e	1.0	0.875	1.0	62.5	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
941	B50R_037_012e	1.0	0.875	1.0	59.8	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
942	B50R_037_025e	1.0	0.875	1.0	52.1	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
943	B50R_037_037e	1.0	0.875	1.0	44.5	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
944	B50R_037_050e	1.0	0.875	1.0	36.9	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
945	B50R_037_062e	1.0	0.875	1.0	29.3	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
946	B50R_037_075e	1.0	0.875	1.0	21.7	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
947	B50R_037_087e	1.0	0.875	1.0	14.1	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
948	B50R_037_100e	1.0	0.875	1.0	6.5	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
949	B50R_037_012e	1.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
950	NW_025k	1.0	0.875	1.0	62.5	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
951	B50R_025_012e	1.0	0.875	1.0	59.8	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
952	B50R_025_025e	1.0	0.875	1.0	52.1	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
953	B50R_025_037e	1.0	0.875	1.0	44.5	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
954	B50R_025_050e	1.0	0.875	1.0	36.9	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
955	B50R_025_062e	1.0	0.875	1.0	29.3	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
956	B50R_025_075e	1.0	0.875	1.0	21.7	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
957	B50R_025_087e	1.0	0.875	1.0	14.1	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
958	B50R_025_100e	1.0	0.875	1.0	6.5	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
959	B50R_025_012e	1.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960	NW_012k	1.0	0.875	1.0	62.5	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
961	B50R_012_012e	1.0	0.875	1.0	59.8	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0
962	B50R_012_025e	1.0	0.875	1.0	52.1	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
963	B50R_012_037e	1.0	0.875	1.0	44.5	6.1	-3.7	7.2	328.6	1.0	0.875	1.0	328.6
964	B50R_012_050e	1.0	0.875	1.0	36.9	12.3	-14.3	14.6	328.6	1.0	0.875	1.0	328.6
965	B50R_012_062e	1.0	0.875	1.0	29.3	18.4	-11.2	21.5	328.6	1.0	0.875	1.0	328.6
966	B50R_012_075e	1.0	0.875	1.0	21.7	24.6	-15.0	28.8	328.6	1.0	0.875	1.0	328.6
967	B50R_012_087e	1.0	0.875	1.0	14.1	30.8	-18.7	36.0	328.6	1.0	0.875	1.0	328.6
968	B50R_012_100e	1.0	0.875	1.0	6.5	36.9	-22.5	43.3	328.6	1.0	0.875	1.0	328.6
969	B50R_012_012e	1.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
970	NW_000k	1.0	0.875	1.0	62.5	-16.7	5.3	17.6	16.2	0.0	0.0	0.0	0.0
971		1.0	0.875	1.0	59.8	-8.3	2.6	8.8	16.2	0.0	0.0	0.0	0.0

<http://130.149.60.45/~farbmatrik/PN15/PN15L0NP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/22

TUB-test chart PN15; colour rendering
colors and differences, ΔE^* , 3D=0, de=1, cmyk

PN150-7N, 21/22-F

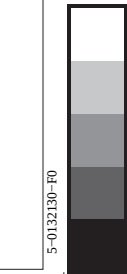
n	H1C*Fe	rgb*Fe	icL*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe
972	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
974	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
975	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
976	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
977	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
978	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
979	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
980	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
981	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
983	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
984	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
985	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
986	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
987	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
988	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
989	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
990	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
992	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
993	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
994	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
995	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
996	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
997	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
998	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
999	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1001	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1002	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1003	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1004	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1005	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1006	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1007	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1008	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1009	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1010	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1011	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1012	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1013	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1014	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1015	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1016	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1017	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1019	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1020	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1021	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1022	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1023	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1024	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1025	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1026	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1028	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1029	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1030	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1031	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1032	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1033	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1034	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1035	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1037	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1038	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1039	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1040	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1041	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1042	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1043	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1044	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
1046	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1047	NW 037e	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
1048	NW 050e	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1049	NW 062e	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
1050	NW 075e	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
1051	NW 087e	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
1052	NW 100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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

5-0132030-F0



TUB material: code=rha4ta
myn6 (CMYK)



input: *rgb/cmyk* → *rgbe*
output: transfer to *cmyk_e*

TUB-test chart PN15; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cm/yk

22/22-F

5-0132130-E0

	HC*	Fe	rgb*	Fe	LabCh*	Fe	rgb*	Fe	LabCh*	Fe	DE*	Fe	rgb*	Me	LabCh*	Me											
n	1053	NW_086c	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.1	204.5	0.1	1.0	95.4	0.0	0.0										
i	1054	NW_093a	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.0	177.8	1.9	360	1.0	1.0	95.4	0.0									
r	1055	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	61.5	0.0	360	1.0	1.0	95.4	0.0									
b	1056	NW_006e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	96.3	1.0	360	1.0	1.0	95.4	0.0									
g	1057	NW_006e	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.0	151.6	0.5	360	1.0	1.0	95.4	0.0									
r	1058	NW_013a	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.0	242.3	2.4	360	1.0	1.0	95.4	0.0									
i	1059	NW_020e	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-0.5	243.3	5.7	360	1.0	1.0	95.4	0.0									
e	1060	NW_026e	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.0	240.2	7.2	360	1.0	1.0	95.4	0.0									
b	1061	NW_033e	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.0	235.4	8.6	360	1.0	1.0	95.4	0.0									
g	1062	NW_040e	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	-0.6	234.3	8.6	360	1.0	1.0	95.4	0.0									
r	1063	NW_046e	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.7	235.2	7.8	360	1.0	1.0	95.4	0.0									
i	1064	NW_053e	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	-0.3	234.3	7.7	360	1.0	1.0	95.4	0.0									
e	1065	NW_060e	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	234.3	7.7	360	1.0	1.0	95.4	0.0									
b	1066	NW_066e	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	-0.3	233.5	7.3	360	1.0	1.0	95.4	0.0									
g	1067	NW_073e	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	-0.2	225.3	6.1	360	1.0	1.0	95.4	0.0									
r	1068	NW_080e	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	-0.2	221.2	4.9	360	1.0	1.0	95.4	0.0									
i	1069	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	-0.1	220.3	4.3	360	1.0	1.0	95.4	0.0									
e	1070	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.0	125.8	2.0	360	1.0	1.0	95.4	0.0									
b	1071	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	92.4	0.0	360	1.0	1.0	95.4	0.0									
g	1072	NW_100e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.4	2.3	360	1.0	1.0	95.4	0.0									
r	1073	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	78.4	2.3	360	1.0	1.0	95.4	0.0									
i	1074	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	40.9	78.4	31.4	10.5	378	1.0	0.209	47.6	64.9	30.9	71.9	25.4					
e	1075	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	275.2	0.1	360	1.0	1.0	0.735	237.9	19.1	195	0.0	0.0	0.0				
b	1076	G50B_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	275.2	0.1	360	1.0	1.0	0.735	237.9	19.1	195	0.0	0.0	0.0				
g	1077	Y00C_100_100e	1.0	1.0	1.0	1.0	1.0	0.5	270	0.0	1.0	95.6	96.2	96.5	11.7	81	1.0	0.841	0.0	82.9	56.6	-39.7	-29.9	49.8	216.9		
r	1078	B00R_100_100e	0.0	0.0	1.0	1.0	0.5	90	0.0	1.0	87.5	-11.0	95.6	96.2	96.5	11.7	81	1.0	0.841	0.0	82.9	56.6	-39.7	-29.9	49.8	216.9	
i	1079	G00R_100_100e	0.0	1.0	1.0	1.0	1.0	0.5	150	0.0	1.0	22.8	25.5	-46.0	52.6	299.0	28.4	248	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7	
e	1080	B50R_100_100e	1.0	0.0	1.0	1.0	1.0	0.5	330	0.0	1.0	75.3	-70.3	25.1	74.6	160.2	6.2	154	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2	328.6
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