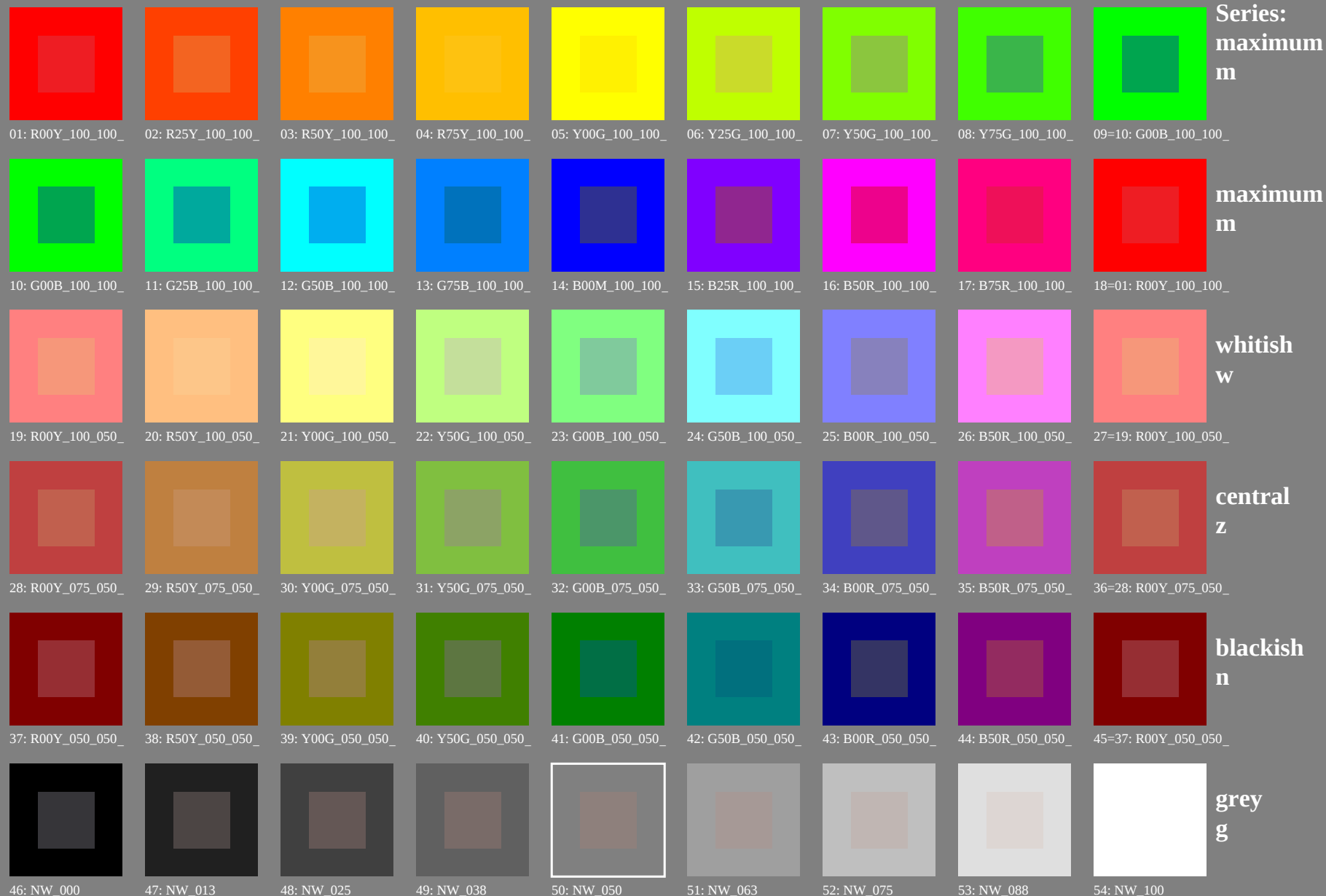


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK)



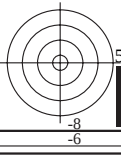
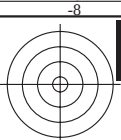
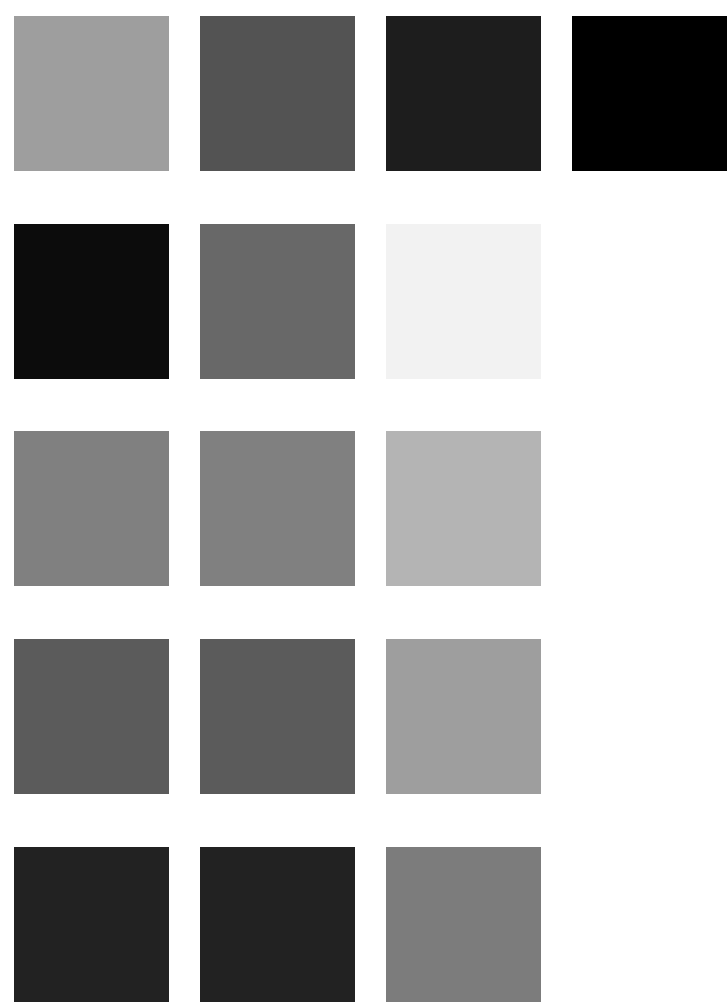
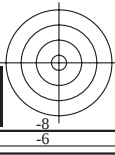
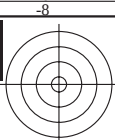
Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb^*e$

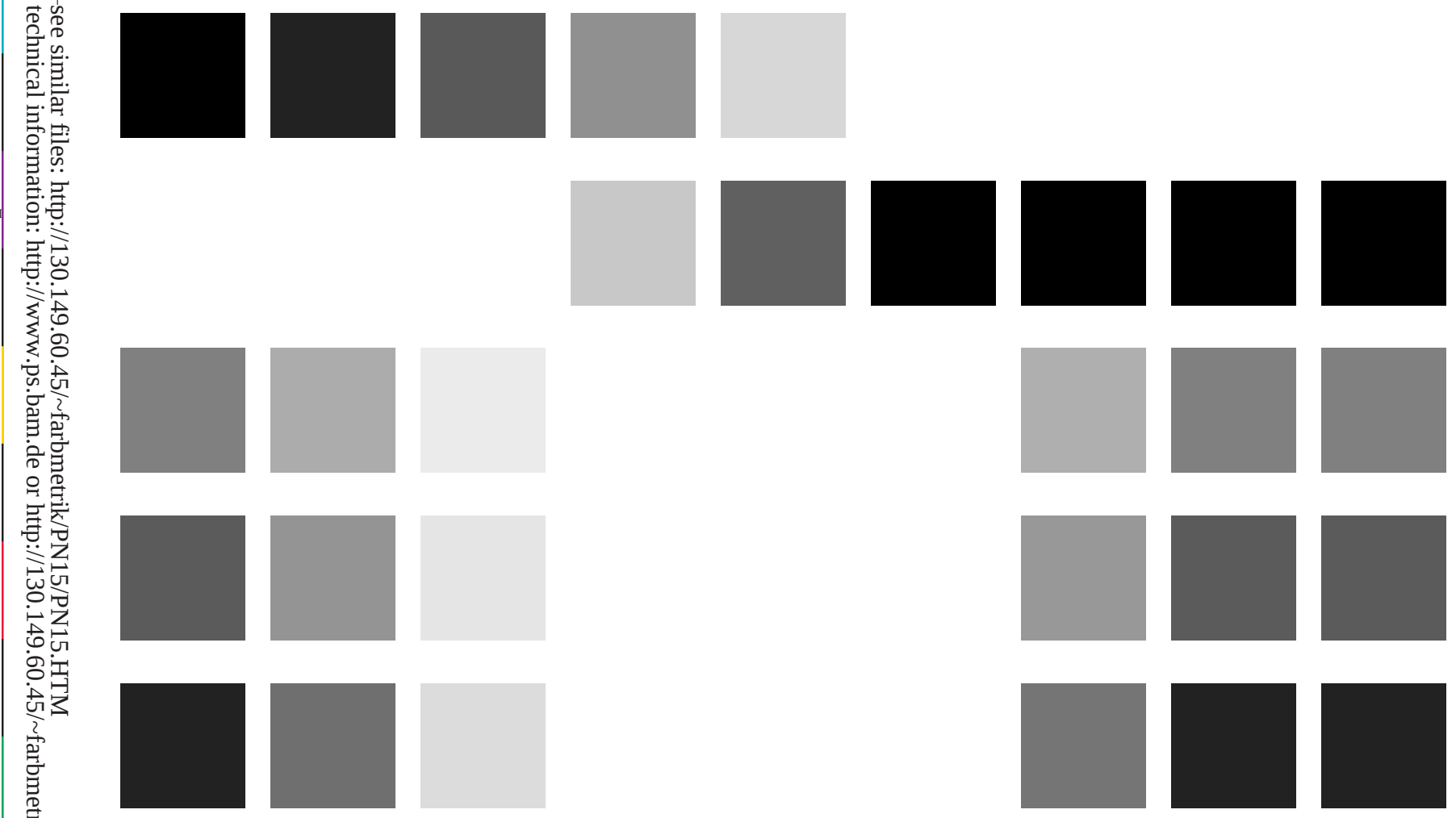
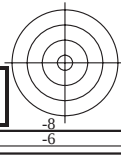
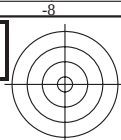


see similar files: <http://130.149.60.45/~farbmetrik/PN15/PN15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

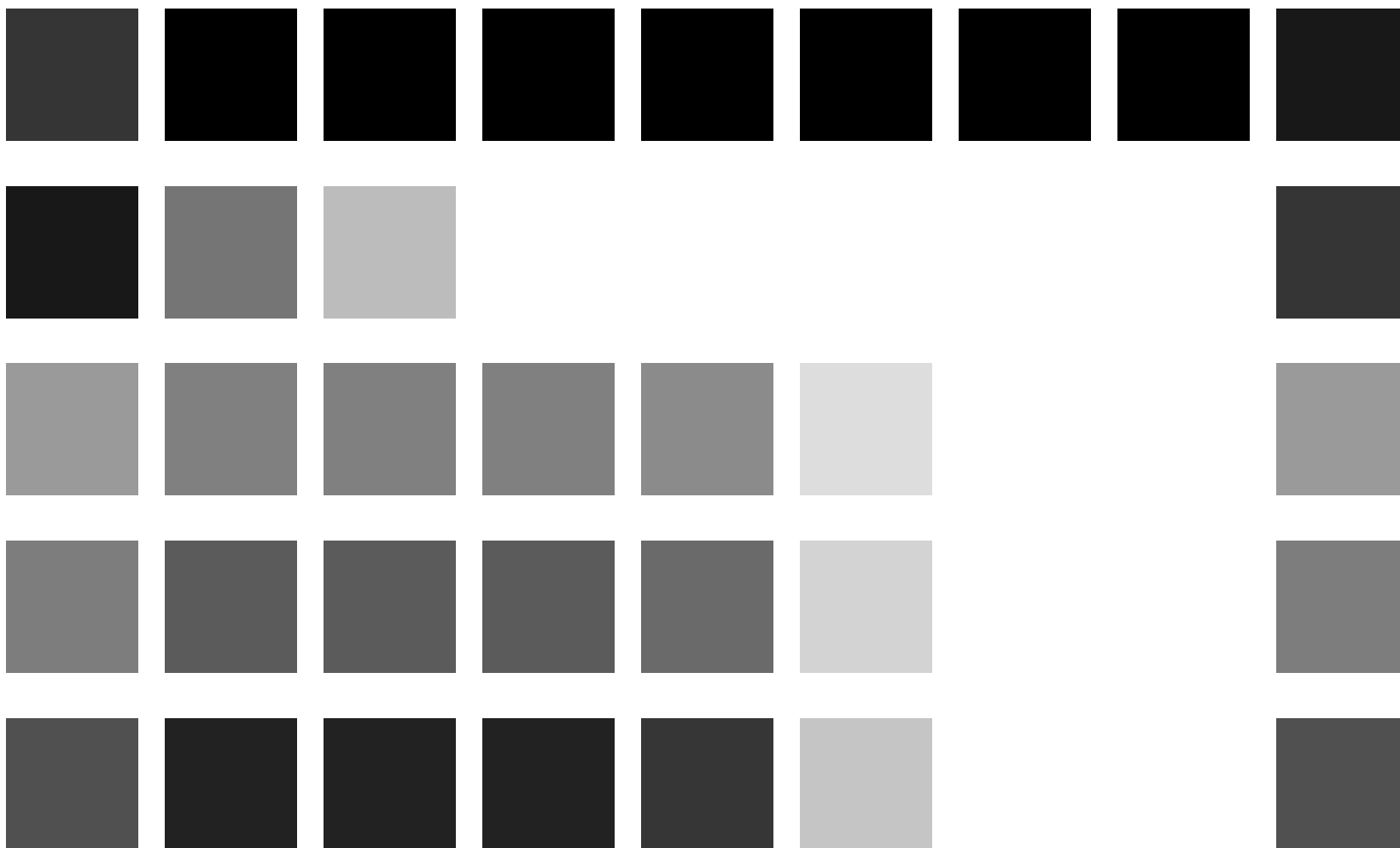
TUB registration: 20130201-PN15/PN15L0NA.TXT /.PS
application for measurement of offset print output, separation cmyk6 (CMYK)

TUB material: code=rha4ta





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>



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/PN15L0NA.TXT /.PS TUB material
application for measurement of offset print output, separation cmy6 (CMYK)

TUB material: code=rha4ta
nvn6 (CMYK)

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

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

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

<http://130.149.60.45/~farbmatrik/PN15/PN15L0NA.TXT> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/22

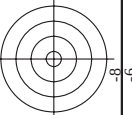
nj	HC*Fe	rgb_Fe	icr_Fe	hs_Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	rgb*Fe	DF*Fe	hsMFe	rgbMFe	LabCH*Me	rgbMFe	LabCH*Me	rgbMFe
0/648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/657	R13Y_100_100e	1.0	0.125	0.0	0.0	0.0007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100e	1.0	0.25	0.0	0.0	0.0133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100e	1.0	0.375	0.0	0.0	0.0249	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100e	1.0	0.5	0.0	0.0	0.0349	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100e	1.0	0.625	0.0	0.0	0.0455	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100e	1.0	0.75	0.0	0.0	0.0563	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100e	1.0	0.875	0.0	0.0	0.0675	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100e	1.0	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
9/639	Y13C_100_100e	0.875	1.0	0.0	0.0	0.0875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/658	Y25C_100_100e	0.75	1.0	0.0	0.0	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100e	0.625	1.0	0.0	0.0	0.1875	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100e	0.5	1.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100e	0.375	1.0	0.0	0.0	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100e	0.25	1.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100e	0.125	1.0	0.0	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100e	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100e	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100e	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100e	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100e	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100e	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100e	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100e	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100e	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100e	0.0	0.125	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100e	0.0	0.25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100e	0.0	0.375	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100e	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100e	0.0	0.625	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100e	0.0	0.75	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100e	0.0	0.875	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100e	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100e	0.125	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100e	0.25	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100e	0.375	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100e	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100e	0.625	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100e	0.75	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100e	0.875	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100e	1.0	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
41/655	M13R_100_100e	1.0	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
42/654	M25R_100_100e	1.0	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
43/653	M38R_100_100e	1.0	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
44/652	M50R_100_100e	1.0	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
45/651	M63R_100_100e	1.0	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
46/650	M75R_100_100e	1.0	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
47/649	M88R_100_100e	1.0	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
48/648	R00Y_100_100e	1.0	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
49/0	NW_00e	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
50/91	NW_01e	0.125	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
51/182	NW_02e	0.25	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
52/273	NW_03e	0.375	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
53/364	NW_04e	0.5	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
54/455	NW_05e	0.625	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
55/546	NW_06e	0.75	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
56/637	NW_07e	0.875	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
57/728	NW_100e	1.0	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

PN15-7N, 7/22-F

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

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

delta E^* = 17.3



TUB material: code=rha4ta
nyn6 (CMYK)

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

[illegible]

N	HC*Fe	rgb*Fe	ic*Fe	hs*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	rgb*Fe	DF*Fe	hs*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe
1	NW 000a	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	17.7	0.0	95.4
2	BOOR.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
3	BOOR.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
4	BOOR.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
5	BOOR.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
6	BOOR.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
7	BOOR.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
8	BOOR.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
9	BOOR.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
10	BOOR.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
11	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
12	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
13	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
14	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
15	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
16	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
17	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
18	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
19	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
20	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
21	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
22	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
23	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
24	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
25	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
26	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
27	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
28	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
29	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
30	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
31	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
32	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
33	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
34	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
35	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
36	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
37	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
38	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
39	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
40	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
41	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
42	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
43	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
44	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
45	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
46	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
47	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
48	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
49	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
50	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
51	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
52	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
53	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
54	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
55	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
56	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
57	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
58	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
59	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
60	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
61	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
62	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
63	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
64	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
65	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
66	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
67	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
68	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
69	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
70	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
71	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
72	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9
73	G7B8.087.087a	0.0	0.875	0.875	0.0	0.0	0.327	0.875	0.0	0.0	0.327	0.875	37.9
74	G7B8.100.100a	0.0	1.0	1.0	0.0	0.0	0.374	1.0	0.0	0.0	0.374	1.0	37.9
75	G7B8.012.012a	0.0	0.125	0.125	0.0	0.0	0.046	0.125	0.0	0.0	0.046	0.125	37.9
76	G7B8.025.025a	0.0	0.25	0.25	0.0	0.0	0.093	0.25	0.0	0.0	0.093	0.25	37.9
77	G7B8.037.037a	0.0	0.375	0.375	0.0	0.0	0.14	0.375	0.0	0.0	0.14	0.375	37.9
78	G7B8.050.050a	0.0	0.5	0.5	0.0	0.0	0.187	0.5	0.0	0.0	0.187	0.5	37.9
79	G7B8.062.062a	0.0	0.625	0.625	0.0	0.0	0.234	0.625	0.0	0.0	0.234	0.625	37.9
80	G7B8.075.075a	0.0	0.75	0.75	0.0	0.0	0.281	0.75	0.0	0.0	0.281	0.75	37.9

PN15-7N, 9/22-F

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

input: rgb/cmyk -> rgbe
output: transfer to cmyke

delta E* = 11.0

17.0

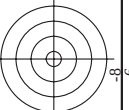
58.3

-29.2

-43.7

52.6

236.1

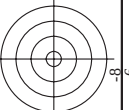


TUB material: code=rha4ta
nyn6 (CMYK)

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

[illegible]

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



TUB material: code=rha4ta
nyn6 (CMYK)

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

DN150-7N 11/22-E

[illegible]

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

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

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

n	HIC-Fe	rgb-Fe	lcr-Fe	hs _L -Fe	rgb+Fe	LabCh+Fe	LabCh-Fe	rgb+Fe	LabCh+Fe	LabCh-Fe	DE [*] %	hs _{anL}	rgb+%	LabCh+%	LabCh-%
243	R00Y_037_037e	0.375	0.0	0.375	0.375	0.187	391	0.375	0.0	0.248	28.9	24.3	11.6	26.9	25.4
244	R18Y_037_037e	0.375	0.125	0.375	0.375	0.187	371	0.375	0.0	0.078	28.9	26.0	26.0	31.0	30.3
245	B65R_037_037e	0.375	0.0	0.375	0.375	0.187	349	0.277	0.0	0.375	27.1	24.5	-11.2	25.2	346.6
246	B50R_037_037e	0.375	0.0	0.375	0.375	0.187	330	0.152	0.0	0.375	24.1	18.4	-5.8	31.3	316
247	B38R_050_050e	0.375	0.0	0.5	0.5	0.25	316	0.136	0.0	0.375	20.5	19.2	-19.2	37.0	306.8
248	B30R_062_062e	0.375	0.0	0.625	0.625	0.312	307	0.078	0.0	0.625	24.9	19.9	-26.6	33.0	300.1
249	B25R_075_075e	0.375	0.0	0.75	0.75	0.375	300	0.034	0.0	0.75	24.5	19.9	-34.3	39.7	300.1
250	B20R_087_087e	0.375	0.0	0.875	0.875	0.437	295	0.0	0.017	0.875	24.8	19.7	-41.4	45.8	295.4
251	B18R_100_100e	0.375	0.0	1.0	1.0	0.5	292	0.0	0.078	1.0	21.4	19.6	-47.2	51.1	292.5
252	R31Y_037_037e	0.375	0.125	0.375	0.375	0.187	49	0.375	0.077	0.0	37.4	18.0	19.1	26.3	46.6
253	R00Y_037_025e	0.375	0.125	0.375	0.25	0.25	390	0.375	0.124	0.177	34.9	16.2	7.7	17.9	25.4
254	R00Y_037_025e	0.375	0.125	0.375	0.25	0.25	360	0.362	0.124	0.375	34.8	17.8	-2.4	18.0	352.0
255	B50R_037_025e	0.375	0.125	0.375	0.25	0.25	330	0.226	0.124	0.375	31.7	12.3	-15.1	14.4	328.6
256	B34R_050_037e	0.375	0.125	0.5	0.5	0.375	311	0.201	0.124	0.5	32.3	13.3	-15.1	19.9	310.5
257	B25R_062_050e	0.375	0.125	0.625	0.625	0.5	305	0.147	0.125	0.625	31.9	13.3	-22.9	26.4	300.1
258	B19R_075_050e	0.375	0.125	0.75	0.75	0.625	293	0.125	0.162	0.75	33.1	12.8	-35.2	37.4	289.7
259	B15R_087_075e	0.375	0.125	0.875	0.875	0.75	289	0.125	0.225	0.875	35.8	12.6	-40.7	42.7	286.9
260	B13R_100_087e	0.375	0.125	1.0	1.0	0.875	286	0.125	0.277	1.0	38.6	12.4	-40.7	42.7	286.9
261	R68Y_037_037e	0.375	0.25	0.375	0.375	0.187	61	0.375	0.185	0.0	36.2	8.6	25.7	17.2	58.8
262	R00Y_037_025e	0.375	0.25	0.375	0.25	0.25	60	0.375	0.212	0.124	38.0	8.9	14.7	17.2	58.8
263	R00Y_037_012e	0.375	0.25	0.375	0.125	0.312	390	0.375	0.249	0.276	40.8	8.1	-3.7	7.2	328.6
264	B50R_037_012e	0.375	0.25	0.375	0.125	0.312	330	0.261	0.249	0.5	39.4	6.6	-11.4	13.2	300.1
265	B25R_050_025e	0.375	0.25	0.5	0.5	0.25	337	0.375	0.25	0.375	47.6	9.0	-3.1	9.5	340.5
266	B15R_062_037e	0.375	0.25	0.625	0.625	0.375	289	0.25	0.3	0.625	41.3	6.6	-17.6	18.7	289.7
267	B11R_075_050e	0.375	0.25	0.75	0.75	0.5	284	0.25	0.35	0.75	44.0	6.2	-23.2	24.1	285.0
268	B08R_087_062e	0.375	0.25	0.875	0.875	0.625	281	0.25	0.401	0.875	46.7	6.2	-28.8	29.4	280.2
269	B07R_100_075e	0.375	0.25	1.0	1.0	0.75	279	0.25	0.445	1.0	49.3	6.2	-34.9	35.0	282.3
270	B06R_037_037e	0.375	0.125	0.375	0.375	0.187	90	0.375	0.125	0.375	42.1	13.3	32.9	21.9	92.3
271	B05R_037_037e	0.375	0.125	0.375	0.375	0.187	90	0.375	0.125	0.375	42.1	13.3	32.9	21.9	92.3
272	B04R_037_037e	0.375	0.125	0.375	0.375	0.187	90	0.375	0.125	0.375	42.1	13.3	32.9	21.9	92.3
273	B03R_037_012e	0.375	0.375	0.25	0.25	0.312	360	0.375	0.375	0.348	45.7	0.0	0.0	0.0	10.9
274	NW_037_037e	0.375	0.375	0.375	0.375	0.375	360	0.375	0.375	0.375	46.8	0.0	0.0	0.0	0.0
275	B00R_050_012e	0.375	0.375	0.5	0.5	0.125	437	0.375	0.423	0.5	49.4	0.1	-5.6	5.6	271.7
276	B00R_050_012e	0.375	0.375	0.625	0.625	0.25	0.5	0.375	0.468	0.625	51.9	0.3	-11.3	11.3	271.7
277	B00R_075_037e	0.375	0.375	0.75	0.75	0.375	562	0.375	0.515	0.75	54.6	0.5	-17.0	17.0	271.7
278	B00R_087_050e	0.375	0.375	0.875	0.875	0.5	0.625	0.375	0.562	0.875	56.9	0.6	-22.7	22.7	271.7
279	B00R_100_062e	0.375	0.375	1.0	1.0	0.625	687	0.375	0.609	1.0	59.5	0.8	-28.3	28.4	271.7
280	Y23G_050_050e	0.375	0.5	0.0	0.5	0.25	104	0.309	0.5	0.0	47.3	-12.7	37.7	38.0	40.0
281	Y31G_050_037e	0.375	0.5	0.125	0.375	0.312	109	0.318	0.5	0.124	48.3	-11.5	25.2	27.7	170
282	G00B_050_012e	0.375	0.5	0.375	0.5	0.125	437	0.375	0.5	0.386	51.7	-8.3	2.6	8.8	162.2
283	G50B_050_012e	0.375	0.5	0.625	0.625	0.25	0.5	0.375	0.5	0.625	60.2	-3.6	-5.3	6.5	58.5
284	G84B_075_037e	0.375	0.5	0.75	0.75	0.375	562	0.375	0.671	0.75	59.2	-4.9	-3.7	6.2	216.9
285	G84B_075_037e	0.375	0.5	0.75	0.75	0.375	562	0.375	0.671	0.75	59.2	-4.9	-3.7	6.2	216.9
286	G88B_087_050e	0.375	0.5	0.625	0.625	0.25	256	0.375	0.646	0.875	60.7	-4.6	-16.7	17.2	254.3
287	G90B_100_062e	0.375	0.5	1.0	1.0	0.625	687	0.375	0.696	1.0	62.7	-4.1	-22.4	28.9	258.9
288	Y38G_062_062e	0.375	0.625	0.625	0.625	0.312	113	0.271	0.625	0.0	50.8	-21.5	36.6	44.2	119.1
289	Y50G_062_050e	0.375	0.625	0.625	0.625	0.5	120	0.288	0.625	0.125	51.4	-20.7	27.2	34.1	127.2
290	G68B_062_037e	0.375	0.625	0.625	0.625	0.375	131	0.319	0.625	0.25	52.6	-19.4	16.2	25.3	140.0
291	G00B_062_037e	0.375	0.625	0.625	0.625	0.5	150	0.375	0.625	0.398	55.5	-16.7	13.3	17.6	162.2
292	G25B_062_025e	0.375	0.625	0.625	0.625	0.25	0.5	0.375	0.625	0.49	56.0	-13.3	-2.2	13.4	189.6
293	G50B_062_025e	0.375	0.625	0.625	0.625	0.25	0.5	0.375	0.625	0.558	56.6	-9.9	-7.4	12.4	216.9
294	G65B_075_037e	0.375	0.625	0.75	0.75	0.375	562	0.375	0.767	0.875	64.3	-10.5	-22.0	24.4	244.3
295	G75B_087_050e	0.375	0.625	0.875	0.875	0.5	625	0.375	0.767	0.875	64.3	-10.5	-22.0	24.4	244.3
296	G80B_100_062e	0.375	0.625	1.0	1.0	0.625	687	0.375	0.786	1.0	66.3	-9.6	-27.7	29.4	250.7
297	Y50G_075_075e	0.375	0.75	0.0	0.75	0.375	120	0.245	0.75	0.0	53.7	-31.0	48.0	51.2	127.2
298	Y61G_075_062e	0.375	0.75	0.125	0.375	0.625	127	0.277	0.75	0.125	54.3	-30.1	29.6	42.2	135.4
299	Y66G_075_062e	0.375	0.75	0.25	0.375	0.625	127	0.277	0.75	0.125	54.3	-30.1	29.6	42.2	135.4
300	G00B_075_037e	0.375	0.75	0.375	0.75	0.375	562	0.375	0.75	0.409	59.8	-25.1	8.0	26.4	179.5
301	G15B_075_037e	0.375	0.75	0.5	0.5	0.375	562	0.375	0.75	0.585	60.9	-18.1	-6.4	19.2	199.6
302	G34B_075_037e	0.375	0.75	0.625	0.75	0.375	562	0.375	0.75	0.614	61.4	-14.9	-11.2	18.6	216.9
303	G50B_075_037e	0.375	0.75	0.75	0.75	0.375	562	0.375	0.75	0.614	61.4	-14.9	-11.2	18.6	216.9
304	G61B_087_050e	0.375	0.75	0.875	0.875	0.5	625	0.375	0.75	0.829	66.9	-16.5	-19.5	25.6	229.7
305	G68B_087_062e	0.375	0.75	1.0	1.0	0.625	687	0.375	0.966	1.0	71.4	-17.1	-27.4	32.3	237.9
306	Y38G_087_075e	0.375	0.875	0.0	0.875	0.875	125	0.235	0.875	0.0	56.5	-40.5	43.3	59.3	133.0
307	Y68G_087_075e	0.375	0.875	0.125	0.375	0.875	0.5	0.375	0.875	0.125	58.4	-38.8	32.4	50.6	140.0
308	Y81G_087_062e	0.375	0.875	0.25	0.875	0.625	139	0.299	0.875	0.25	60.7	-37.5	22.2	43.6	149.4
309	G00B_087_062e	0.375	0.875	0.375	0.875	0.5	160	0.375	0.875	0.421	64.2	-35.5	10.7	35.2	162.2
310	G11B_087_050e	0.375	0.875	0.5	0.875	0.5	164	0.375	0.875	0.524	64.8	-30.1	2.6	30.2	178.6
311	G18B_087_050e	0.375	0.875	0.625	0.875	0.625	160	0.375	0.875	0.665	65.3	-26.6	-4.3	38.0	189.6
312	G38B_087_050e	0.375	0.875	0.75	0.875	0.75	196	0.375	0.875	0.75	71.4	-25.2	-10.3	25.2	216.9
313	G50B_087_050e	0.375	0.875	0.875	0.875	0.5	625	0.375	0.875	0.829	68.7	-19.8	-13.3	31.6	227.0
314	G59B_100_062e	0.375	0.875	1.0	1.0	0.625	687	0.375	1.0	0.919	71.7	-21.5	-21.5	31.6	227.0
315	Y63G_100_075e	0.375	1.0	0.0	1.0	0.5	128	0.229	1.0	0.0	60.2	-49.1	46.4	57.9	136.5
316	Y73G_100_087e	0.375	1.0	0.125	1.0	0.875	562	0.246	1.0	0.125	62.5	-47.4	35.0	58.9	143.5
317	Y85G_100_075e	0.375	1.0	0.25	1.0	0.75	562	0.293	1.0	0.25	64.7	-46.9	25.2	53.3	151.7
318	G00B_100_062e	0.375	1.0	0.375	1.0	0.625	687	0.375	1.0	0.433	68.5	-41.9	13.4	44.0	162.2
319	G09B_100_062e	0.375	1.0	0.5	1.0	0.625	687	0.375	1.0	0.541	69.1	-38.4	5.2	38.1	173.2
320	G19B_100_062e	0.375	1.0	0.625											

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

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

PN150-7N 13/22-E

5-0131230-E0

[illegible]

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

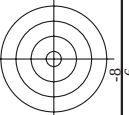
input: *rgb/cmyk* → *rgbe*
output: transfer to *cmyk_e*

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

PN150-7N 14/22-E

0131330-F0

	HIC ^{Fe}	rgb ^{Fe}	icr ^{Fe}	hsa ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	rgb ^{Fe}	DE ^{Fe}	hsa ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	LabCh ^{Fe}							
405	ROXY.062.062a	0.625	0.0	0.625	0.312	390	36.4	40.5	19.3	44.9	25.4	0.625	0.0	0.625	0.0	0.209	47.6	64.9	30.9	71.9	25.4
406	R31Y.062.062a	0.625	0.0	0.625	0.625	0.312	379	36.4	42.1	9.9	43.2	37.5	43.0	37.5	43.0	12.5	37.5	43.0	37.5	43.0	12.5
407	R11Y.062.062a	0.625	0.0	0.625	0.625	0.0	0.748	36.7	44.1	-0.1	44.1	35.9	46.8	35.9	46.8	15.9	35.9	46.8	35.9	46.8	15.9
408	B69R.062.062a	0.625	0.0	0.625	0.625	0.312	353	44.3	-7.3	44.1	35.0	36.2	46.7	36.2	46.7	4.6	11.8	32.3	40.1	70.6	359.8
409	B59R.062.062a	0.625	0.0	0.625	0.625	0.312	341	38.2	-13.9	39.0	33.6	38.2	48.9	38.2	48.9	-3.5	49.0	355.8	17.3	307	611.0
410	B59R.062.062a	0.625	0.0	0.625	0.625	0.312	330	32.54	-13.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
411	B42R.075.075a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
412	B36R.087.087a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
413	B31R.100.100a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
414	B31R.100.100a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
415	R18Y.062.062a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
416	R26Y.062.062a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
417	R26Y.062.062a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
418	B61R.062.062a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
419	B59R.062.062a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
420	B40R.075.075a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
421	B40R.075.075a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
422	B29R.100.087a	0.625	0.0	0.625	0.625	0.284	30.8	-17.9	36.0	32.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0	
423	B36Y.062.062a	0.625	0.0	0.625	0.625	0.312	367	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
424	R23Y.062.037a	0.625	0.0	0.625	0.625	0.312	53	44.2	31.1	33.6	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
425	R23Y.062.037a	0.625	0.0	0.625	0.625	0.312	44	44.2	31.1	33.6	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
426	R18Y.062.037a	0.625	0.0	0.625	0.625	0.312	371	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
427	B65R.062.037a	0.625	0.0	0.625	0.625	0.312	349	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
428	B30R.062.037a	0.625	0.0	0.625	0.625	0.312	340	40.2	25.0	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
429	B30R.075.050a	0.625	0.0	0.625	0.625	0.312	330	38.6	25.0	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
430	B30R.087.062a	0.625	0.0	0.625	0.625	0.312	307	32.8	25.0	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
431	B30R.100.075a	0.625	0.0	0.625	0.625	0.312	300	32.84	25.0	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
432	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
433	R50Y.062.050a	0.625	0.0	0.625	0.625	0.312	60	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
434	R31Y.062.037a	0.625	0.0	0.625	0.625	0.312	371	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
435	R30Y.062.037a	0.625	0.0	0.625	0.625	0.312	371	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
436	R30Y.062.037a	0.625	0.0	0.625	0.625	0.312	371	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
437	R30Y.062.037a	0.625	0.0	0.625	0.625	0.312	371	34.9	25.1	26.1	43.2	51.0	46.3	51.0	46.3	16.0	44	4	4	4	4
438	B34R.075.037a	0.625	0.0	0.625	0.625	0.312	311	44.1	35.0	36.2	46.7	36.2	46.7	36.2	46.7	4.6	11.8	32.3	40.1	70.6	359.8
439	B34R.075.037a	0.625	0.0	0.625	0.625	0.312	311	44.1	35.0	36.2	46.7	36.2	46.7	36.2	46.7	4.6	11.8	32.3	40.1	70.6	359.8
440	B34R.075.037a	0.625	0.0	0.625	0.625	0.312	311	44.1	35.0	36.2	46.7	36.2	46.7	36.2	46.7	4.6	11.8	32.3	40.1	70.6	359.8
441	B34R.075.037a	0.625	0.0	0.625	0.625	0.312	311	44.1	35.0	36.2	46.7	36.2	46.7	36.2	46.7	4.6	11.8	32.3	40.1	70.6	359.8
442	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
443	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
444	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
445	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
446	R61Y.062.062a	0.625	0.0	0.625	0.625	0.312	67	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
447	B15R.075.037a	0.625	0.0	0.625	0.625	0.312	289	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
448	B15R.075.037a	0.625	0.0	0.625	0.625	0.312	289	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
449	B11R.100.050a	0.625	0.0	0.625	0.625	0.312	284	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
450	Y00C.062.062a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
451	Y00C.062.050a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
452	Y00C.062.037a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
453	Y00C.062.037a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
454	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
455	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
456	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
457	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
458	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
459	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
460	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
461	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
462	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
463	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5	-20.3	39.9	31.0	32.6	48.9	36.0	48.9	-3.5	49.0	355.8	17.3	307	611.0
464	Y00C.062.012a	0.625	0.0	0.625	0.625	0.312	90	40.5													



TUB material: code=rha4ta
myn6 (CMYK)

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

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

DN150-7N 15/22-F

	HIC ^{Fe}	rgb ^{Fe}	ict ^{Fe}	hsa ^{Fe}	rgb [*] Fe	LabCh ^{Fe}	LabCh ^{Fe}	rgb [*] Fe	LabCh ^{Fe}	DF ^{Fe}	hsa ^{Fe}	rgb [*] Fe	LabCh ^{Fe}
86	R00Y_075_075 ₆	0.75	0.0	0.75	0.0	0.157	40.1	58.2	48.7	23.2	53.9	25.4	53.9
87	R35Y_075_075 ₆	0.75	0.0	0.75	0.0	0.321	40.2	50.7	40.4	50.6	32.9	60.4	32.9
88	R10Y_075_075 ₆	0.75	0.0	0.75	0.0	0.485	40.4	53.6	40.9	52.7	19.3	58.1	19.3
89	R10Y_075_075 ₆	0.75	0.0	0.75	0.0	0.75	39.9	53.6	40.9	54.2	10.1	55.1	10.1
90	R65R_075_075 ₆	0.75	0.0	0.75	0.0	0.75	36.6	49.0	56.3	56.3	2.3	56.4	2.3
91	R57R_075_075 ₆	0.75	0.0	0.75	0.0	0.75	34.1	42.5	41.1	37.1	5.7	58.1	5.7
92	R50R_075_075 ₆	0.75	0.0	0.75	0.0	0.75	30.5	36.9	42.5	43.3	8.1	59.7	8.1
93	R50R_075_075 ₆	0.75	0.0	0.75	0.0	0.75	30.5	36.9	42.5	43.3	8.1	59.7	8.1
94	R38R_100_100 ₆	0.75	0.0	1.0	0.5	0.316	0.75	30.7	37.7	38.0	54.9	65.9	54.9
95	R15Y_075_100 ₆	0.75	0.125	0.0	0.75	0.033	0.0	31.9	45.5	32.5	55.9	35.5	32.5
96	R00Y_075_062 ₆	0.75	0.125	0.0	0.75	0.033	0.0	31.9	45.5	32.5	55.9	35.5	32.5
97	R31Y_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.255	46.1	40.1	40.2	40.2	40.2	40.2
98	R11Y_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.419	46.2	42.1	9.9	43.2	13.2	9.9
99	R69R_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.603	46.4	44.1	-0.1	44.1	359.8	-0.1
100	B59R_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.75	45.1	43.5	44.1	35.0	47.5	44.1
101	B50R_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.75	41.7	36.4	-13.9	39.0	339.0	-13.9
102	B50R_075_062 ₆	0.75	0.125	0.0	0.75	0.125	0.75	38.1	30.8	-18.7	36.0	328.6	-18.7
103	B42R_087_075 ₆	0.75	0.5	0.75	0.625	0.437	33.0	31.7	-26.6	41.4	32.0	46.8	31.7
104	B36R_100_087 ₆	0.75	0.125	1.0	0.875	0.562	31.4	39.6	32.2	34.0	46.8	31.4	39.6
105	R31Y_075_075 ₆	0.75	0.25	0.0	0.75	0.154	0.0	45.1	38.1	45.9	37.7	45.9	37.7
106	R18Y_075_062 ₆	0.75	0.25	0.0	0.75	0.175	0.125	47.5	36.3	28.1	52.6	36.3	28.1
107	R00Y_075_050 ₆	0.75	0.25	0.0	0.75	0.25	0.354	52.1	32.4	15.4	35.9	25.4	15.4
108	R00Y_075_050 ₆	0.75	0.25	0.0	0.75	0.25	0.519	52.2	34.4	5.9	34.6	9.8	5.9
109	R61R_075_050 ₆	0.75	0.25	0.0	0.75	0.25	0.75	51.9	30.5	-4.9	36.0	352.0	-4.9
110	R00R_075_050 ₆	0.75	0.25	0.0	0.75	0.25	0.75	49.1	30.5	-4.9	36.0	352.0	-4.9
111	B40R_087_075 ₆	0.75	0.25	0.0	0.75	0.25	0.75	45.7	24.8	-15.0	28.8	328.6	-15.0
112	B36R_100_075 ₆	0.75	0.25	0.0	0.75	0.25	0.75	45.7	24.8	-15.0	28.8	328.6	-15.0
113	B36R_100_075 ₆	0.75	0.25	0.0	0.75	0.25	0.75	45.7	24.8	-15.0	28.8	328.6	-15.0
114	B35Y_075_062 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
115	B35Y_075_062 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
116	R10Y_075_037 ₆	0.75	0.125	0.75	0.375	0.125	0.75	45.1	30.5	-4.9	36.0	352.0	-4.9
117	R10Y_075_037 ₆	0.75	0.125	0.75	0.375	0.125	0.75	45.1	30.5	-4.9	36.0	352.0	-4.9
118	B65R_075_037 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
119	B65R_075_037 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
120	B38R_087_050 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
121	B38R_087_050 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
122	R69Y_075_075 ₆	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.4	19.9	25.4	17.2
123	R61Y_075_062 ₆	0.75	0.5	0.125	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
124	R61Y_075_050 ₆	0.75	0.5	0.125	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
125	R31Y_075_037 ₆	0.75	0.375	0.125	0.75	0.375	0.125	51.7	27.1	23.6	48.2	51.0	27.1
126	R00Y_075_025 ₆	0.75	0.5	0.375	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
127	R00Y_075_025 ₆	0.75	0.5	0.375	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
128	B50R_075_025 ₆	0.75	0.5	0.375	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
129	B34R_087_037 ₆	0.75	0.5	0.375	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
130	B34R_087_037 ₆	0.75	0.5	0.375	0.75	0.5	0.0	53.4	71.1	19.9	25.4	17.2	71.1
131	R85Y_075_075 ₆	0.75	0.625	0.125	0.75	0.625	0.125	51.7	27.1	23.6	48.2	51.0	27.1
132	R81Y_075_062 ₆	0.75	0.625	0.125	0.75	0.625	0.125	51.7	27.1	23.6	48.2	51.0	27.1
133	R76Y_075_050 ₆	0.75	0.625	0.125	0.75	0.625	0.125	51.7	27.1	23.6	48.2	51.0	27.1
134	R68Y_075_037 ₆	0.75	0.625	0.375	0.75	0.625	0.375	63.5	8.6	25.2	26.7	71.1	8.6
135	R00Y_075_025 ₆	0.75	0.625	0.375	0.75	0.625	0.375	63.5	8.6	25.2	26.7	71.1	8.6
136	R00Y_075_025 ₆	0.75	0.625	0.375	0.75	0.625	0.375	63.5	8.6	25.2	26.7	71.1	8.6
137	R00Y_075_025 ₆	0.75	0.625	0.375	0.75	0.625	0.375	63.5	8.6	25.2	26.7	71.1	8.6
138	R00Y_075_025 ₆	0.75	0.625	0.375	0.75	0.625	0.375	63.5	8.6	25.2	26.7	71.1	8.6
139	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
140	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
141	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
142	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
143	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
144	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
145	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
146	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
147	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
148	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
149	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
150	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
151	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
152	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
153	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
154	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
155	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
156	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
157	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
158	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
159	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
160	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
161	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
162	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
163	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
164	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
165	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6
166	B50R_075_012 ₆	0.75	0.625	0.625	0.75	0.625	0.625	63.5	8.6	25.2	26.7	71.1	8.6

n	HIC*Fe	rgb*Fe	ic*Fe	hs*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs*Fe	rgb*Fe	LabCH*Fe
567	R0Y0.087.087e	0.875 0.0 0.125	0.875 0.875 0.437	390	0.875 0.0 0.183	43.9	56.8	27.0	62.9	36.5	69.2	31.8	378
568	R36Y.087.087a	0.875 0.0 0.356	0.875 0.875 0.437	382	0.875 0.0 0.356	44.0	58.8	25.4	62.9	36.5	69.2	31.8	378
569	R23Y.087.087c	0.875 0.0 0.513	0.875 0.875 0.437	374	0.875 0.0 0.513	44.1	60.6	60.6	60.6	36.5	69.2	31.8	378
570	R08Y.087.087e	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.734	44.4	62.4	-2.5	62.4	36.5	69.2	31.8	378
571	B70R.087.087c	0.875 0.0 0.875	0.875 0.875 0.437	355	0.839 0.0 0.875	43.7	62.7	-8.4	63.5	7.6	63.9	6.8	312
572	B63R.087.087e	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.875	39.1	54.9	-15.9	57.2	34.3	65.1	20.4	312
573	B56R.087.087c	0.875 0.0 0.875	0.875 0.875 0.437	338	0.875 0.0 0.875	36.4	48.8	-21.5	53.4	33.6	66.2	16.2	312
574	B50R.087.087e	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	32.7	43.1	-26.3	50.5	32.6	66.2	16.2	312
575	B44R.100.100e	0.875 0.0 1.0	0.875 0.875 0.437	323	0.875 0.0 0.875	32.7	43.1	-31.1	49.4	31.9	66.2	16.2	312
576	R13Y.087.087c	0.875 0.0 0.5	0.875 0.875 0.437	318	0.875 0.022 0.0	44.3	54.3	37.1	65.8	34.3	67.1	41.2	31.1
577	R35Y.087.075e	0.875 0.125 0.125	0.875 0.875 0.5	390	0.875 0.125 0.282	49.8	48.7	23.2	53.9	25.7	69.2	31.1	378
578	R30Y.087.075e	0.875 0.125 0.125	0.875 0.875 0.5	381	0.875 0.125 0.448	49.9	50.2	13.8	52.0	25.4	69.2	31.1	378
579	R18Y.087.075e	0.875 0.125 0.375	0.875 0.875 0.5	371	0.875 0.125 0.62	50.2	52.0	3.9	52.2	25.4	69.2	31.1	378
580	R00Y.087.075e	0.875 0.125 0.875	0.875 0.875 0.5	360	0.836 0.125 0.875	49.6	53.6	-7.4	54.1	35.2	69.2	31.1	378
581	B65R.087.075e	0.875 0.125 0.625	0.875 0.875 0.5	349	0.679 0.125 0.875	46.3	49.0	-11.6	50.4	34.6	69.2	31.1	378
582	B57R.087.075e	0.875 0.125 0.875	0.875 0.875 0.5	339	0.552 0.125 0.875	43.8	42.5	-22.3	47.1	33.1	69.2	31.1	378
583	B43R.087.075e	0.875 0.125 0.875	0.875 0.875 0.5	330	0.438 0.125 0.875	40.2	36.9	-30.5	48.5	32.1	69.2	31.1	378
584	B30R.100.100e	0.875 0.125 1.0	0.875 0.875 0.5	322	0.408 0.125 1.0	40.2	36.9	-35.3	47.1	32.1	69.2	31.1	378
585	R26Y.087.087e	0.875 0.25 0.0	0.875 0.875 0.437	318	0.875 0.142 0.0	48.2	45.3	42.7	62.3	43.3	69.2	31.1	378
586	R15Y.087.075e	0.875 0.25 0.125	0.875 0.875 0.5	39	0.875 0.158 0.125	50.6	45.3	32.5	55.9	35.5	69.2	31.1	378
587	R00Y.087.062e	0.875 0.25 0.375	0.875 0.875 0.562	390	0.875 0.25 0.584	55.8	40.5	19.3	44.9	25.4	69.2	31.1	378
588	R31Y.087.062e	0.875 0.25 0.875	0.875 0.875 0.562	367	0.875 0.25 0.875	44.1	41.1	35.8	43.2	31.2	69.2	31.1	378
589	B69R.087.062e	0.875 0.25 0.625	0.875 0.875 0.562	353	0.875 0.25 0.875	54.8	43.5	-7.3	44.1	35.8	69.2	31.1	378
590	B59R.087.062e	0.875 0.25 0.875	0.875 0.875 0.562	341	0.875 0.25 0.875	51.3	36.4	-13.9	46.1	33.0	69.2	31.1	378
591	B59R.087.062e	0.875 0.25 0.875	0.875 0.875 0.562	330	0.875 0.25 0.875	48.7	36.4	-18.7	46.1	33.0	69.2	31.1	378
592	B42R.100.100e	0.875 0.25 1.0	0.875 0.875 0.562	321	0.875 0.25 1.0	48.7	36.4	-23.5	46.1	33.0	69.2	31.1	378
593	R41Y.087.087e	0.875 0.375 0.0	0.875 0.875 0.437	315	0.875 0.251 0.0	52.6	46.1	60.4	62.3	43.3	69.2	31.1	378
594	R31Y.087.087e	0.875 0.375 0.125	0.875 0.875 0.5	49	0.875 0.279 0.125	54.9	36.1	38.2	52.6	46.6	69.2	31.1	378
595	R00Y.087.062e	0.875 0.375 0.25	0.875 0.875 0.562	41	0.875 0.3 0.25	57.2	32.4	35.1	45.9	37.7	69.2	31.1	378
596	R26Y.087.050e	0.875 0.375 0.375	0.875 0.875 0.625	390	0.875 0.375 0.479	61.8	32.4	18.1	45.9	37.7	69.2	31.1	378
597	R00Y.087.050e	0.875 0.375 0.875	0.875 0.875 0.625	376	0.849 0.375 0.644	61.9	34.0	5.9	46.6	35.0	69.2	31.1	378
598	R00Y.087.050e	0.875 0.375 0.625	0.875 0.875 0.625	360	0.849 0.375 0.875	61.6	35.7	-4.9	46.6	35.0	69.2	31.1	378
599	B61R.087.050e	0.875 0.375 0.875	0.875 0.875 0.625	344	0.758 0.375 0.875	58.8	30.5	-15.0	28.8	32.6	69.2	31.1	378
600	B61R.087.050e	0.875 0.375 0.875	0.875 0.875 0.625	330	0.758 0.375 0.875	55.4	24.6	-22.8	24.6	32.6	69.2	31.1	378
601	B40R.100.062e	0.875 0.375 1.0	0.875 0.875 0.625	319	0.561 0.375 1.0	56.0	25.5	-55.0	24.6	32.6	69.2	31.1	378
602	R86Y.087.087e	0.875 0.5 0.0	0.875 0.875 0.437	315	0.875 0.363 0.0	57.5	26.2	52.8	60.9	44.4	69.2	31.1	378
603	R86Y.087.087e	0.875 0.5 0.125	0.875 0.875 0.437	315	0.875 0.363 0.125	59.4	26.2	52.8	60.9	44.4	69.2	31.1	378
604	R50Y.087.075e	0.875 0.5 0.25	0.875 0.875 0.562	53	0.875 0.413 0.25	61.4	27.1	33.6	43.2	51.0	69.2	31.1	378
605	R38Y.087.062e	0.875 0.5 0.375	0.875 0.875 0.625	60	0.875 0.441 0.375	67.8	24.3	11.6	26.9	25.4	69.2	31.1	378
606	R23Y.087.050e	0.875 0.5 0.625	0.875 0.875 0.625	407	0.875 0.5 0.578	67.8	24.3	11.6	26.9	25.4	69.2	31.1	378
607	R00Y.087.037e	0.875 0.5 0.625	0.875 0.875 0.687	371	0.875 0.5 0.747	67.9	26.0	19.1	26.1	43.3	69.2	31.1	378
608	B65R.087.037e	0.875 0.5 0.875	0.875 0.875 0.687	349	0.777 0.5 0.875	66.0	24.5	-5.8	25.4	43.3	69.2	31.1	378
609	B65R.087.037e	0.875 0.5 0.875	0.875 0.875 0.687	330	0.636 0.5 0.875	63.0	18.4	-11.2	21.6	32.6	69.2	31.1	378
610	B38R.100.050e	0.875 0.5 1.0	0.875 0.875 0.687	316	0.636 0.5 1.0	63.7	19.2	-19.2	21.6	32.6	69.2	31.1	378
611	R73Y.087.087e	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.469 0.0	62.6	17.0	61.5	63.8	74.1	69.2	31.1	378
612	R68Y.087.075e	0.875 0.625 0.125	0.875 0.875 0.5	71	0.875 0.496 0.125	64.4	17.2	50.5	53.4	74.1	69.2	31.1	378
613	R61Y.087.062e	0.875 0.625 0.25	0.875 0.875 0.562	67	0.875 0.526 0.25	66.4	17.8	29.5	43.8	66.6	69.2	31.1	378
614	R50Y.087.050e	0.875 0.625 0.375	0.875 0.875 0.625	60	0.875 0.549 0.375	68.1	17.8	29.5	43.8	66.6	69.2	31.1	378
615	R50Y.087.050e	0.875 0.625 0.375	0.875 0.875 0.625	49	0.875 0.577 0.5	70.3	16.2	71.7	17.9	25.4	69.2	31.1	378
616	R31Y.087.037e	0.875 0.625 0.5	0.875 0.875 0.687	49	0.875 0.625 0.677	73.7	16.2	71.7	17.9	25.4	69.2	31.1	378
617	R00Y.087.025e	0.875 0.625 0.625	0.875 0.875 0.75	390	0.862 0.625 0.875	73.7	16.2	71.7	17.9	25.4	69.2	31.1	378
618	R00Y.087.025e	0.875 0.625 0.75	0.875 0.875 0.75	360	0.726 0.625 0.875	70.6	12.3	-7.5	14.4	32.6	69.2	31.1	378
619	B50R.087.025e	0.875 0.625 0.875	0.875 0.875 0.75	330	0.701 0.625 1.0	71.2	13.0	-15.1	19.9	310.5	69.2	31.1	378
620	B34R.100.037e	0.875 0.625 1.0	0.875 0.875 0.812	311	0.701 0.625 1.0	71.2	13.0	-15.1	19.9	310.5	69.2	31.1	378
621	R86Y.087.087e	0.875 0.75 0.0	0.875 0.875 0.437	82	0.875 0.573 0.0	67.8	68.1	68.6	83.4	87.5	69.2	31.1	378
622	R81Y.087.075e	0.875 0.75 0.125	0.875 0.875 0.5	81	0.875 0.601 0.125	69.7	77.7	58.0	82.2	87.5	69.2	31.1	378
623	R81Y.087.062e	0.875 0.75 0.25	0.875 0.875 0.562	76	0.875 0.627 0.25	71.4	8.2	46.8	47.5	80.0	69.2	31.1	378
624	R76Y.087.050e	0.875 0.75 0.375	0.875 0.875 0.625	62	0.875 0.656 0.375	73.2	8.6	36.1	37.0	76.7	69.2	31.1	378
625	R68Y.087.037e	0.875 0.75 0.5	0.875 0.875 0.687	71	0.875 0.685 0.5	75.0	8.6	25.2	26.7				

<http://130.149.60.45/~farbmatrik/PN15/PN15L0NA.TXT> /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/22

n	H1C*Fe	rgb*Fe	icL*Fe	hsL*Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsM*Fe	rgb*Fe	LabCh*Fe
648	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
649	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
650	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
651	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
652	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
653	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
654	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
655	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
656	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
657	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
658	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
659	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
660	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
661	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
662	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
663	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
664	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
665	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
666	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
667	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
668	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
669	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
670	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
671	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
672	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
673	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
674	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
675	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
676	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
677	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
678	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
679	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
680	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
681	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
682	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
683	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
684	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
685	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
686	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
687	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
688	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
689	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
690	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
691	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
692	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
693	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
694	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
695	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
696	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
697	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
698	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
699	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
700	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
701	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
702	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
703	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
704	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
705	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
706	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
707	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
708	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
709	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
710	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
711	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
712	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
713	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
714	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
715	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
716	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
717	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
718	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
719	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
720	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
721	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
722	R25Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
723	R50Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
724	B00M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
725	B25M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	71.9	378	1.0	0.0
726	B50M_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.9	378	1.0	0.0
727	R00Y_100_100e	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	64.9	378	1.0	0.0
728	NW_100e	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	95.4	360	1.0	1.0

PN150-7N, 17/22-F

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

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

delta E* = 14.4

n	H1C*Fe	rgb*Fe	ic1*Fe	hs1*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs1*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe
729	NW_100%	0.875	1.0	1.0	1.0	0.954	95.4	1.0	95.4	0.1	110.4	1.0	95.4	0.0
730	G50B_100.012%	0.875	1.0	1.0	1.0	0.966	96.6	1.0	96.6	0.1	110.4	1.0	96.6	0.0
731	G50B_100.025%	0.875	1.0	1.0	1.0	0.983	98.3	1.0	98.3	0.1	110.4	1.0	98.3	0.0
732	G50B_100.037%	0.875	1.0	1.0	1.0	0.993	99.3	1.0	99.3	0.1	110.4	1.0	99.3	0.0
733	G50B_100.050%	0.875	1.0	1.0	1.0	1.0	100	1.0	100	0.1	110.4	1.0	100	0.0
734	G50B_100.062%	0.875	1.0	1.0	1.0	1.0	100	1.0	100	0.1	110.4	1.0	100	0.0
735	G50B_100.075%	0.875	1.0	1.0	1.0	1.0	100	1.0	100	0.1	110.4	1.0	100	0.0
736	G50B_100.087%	0.875	1.0	1.0	1.0	1.0	100	1.0	100	0.1	110.4	1.0	100	0.0
737	G50B_100.100%	0.875	1.0	1.0	1.0	1.0	100	1.0	100	0.1	110.4	1.0	100	0.0
738	ROY_100.012%	0.875	1.0	1.0	1.0	0.935	93.5	1.0	93.5	0.1	110.4	1.0	93.5	0.0
739	NW_087%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
740	G50B_087.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
741	G50B_087.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
742	G50B_087.037%	0.875	1.0	1.0	1.0	0.914	91.4	1.0	91.4	0.1	110.4	1.0	91.4	0.0
743	G50B_087.050%	0.875	1.0	1.0	1.0	0.929	92.9	1.0	92.9	0.1	110.4	1.0	92.9	0.0
744	G50B_087.062%	0.875	1.0	1.0	1.0	0.944	94.4	1.0	94.4	0.1	110.4	1.0	94.4	0.0
745	G50B_087.075%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
746	G50B_087.087%	0.875	1.0	1.0	1.0	0.974	97.4	1.0	97.4	0.1	110.4	1.0	97.4	0.0
747	ROY_100.012%	0.875	1.0	1.0	1.0	0.935	93.5	1.0	93.5	0.1	110.4	1.0	93.5	0.0
748	ROY_100.025%	0.875	1.0	1.0	1.0	0.950	95.0	1.0	95.0	0.1	110.4	1.0	95.0	0.0
749	NW_075%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
750	G50B_075.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
751	G50B_075.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
752	G50B_075.037%	0.875	1.0	1.0	1.0	0.914	91.4	1.0	91.4	0.1	110.4	1.0	91.4	0.0
753	G50B_075.050%	0.875	1.0	1.0	1.0	0.929	92.9	1.0	92.9	0.1	110.4	1.0	92.9	0.0
754	G50B_075.062%	0.875	1.0	1.0	1.0	0.944	94.4	1.0	94.4	0.1	110.4	1.0	94.4	0.0
755	G50B_075.075%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
756	ROY_100.037%	0.875	1.0	1.0	1.0	0.974	97.4	1.0	97.4	0.1	110.4	1.0	97.4	0.0
757	ROY_087.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
758	ROY_075.012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
759	NW_062%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
760	G50B_062.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
761	G50B_062.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
762	G50B_062.037%	0.875	1.0	1.0	1.0	0.914	91.4	1.0	91.4	0.1	110.4	1.0	91.4	0.0
763	G50B_062.050%	0.875	1.0	1.0	1.0	0.929	92.9	1.0	92.9	0.1	110.4	1.0	92.9	0.0
764	G50B_062.062%	0.875	1.0	1.0	1.0	0.944	94.4	1.0	94.4	0.1	110.4	1.0	94.4	0.0
765	ROY_100.050%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
766	ROY_087.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
767	ROY_075.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
768	ROY_062.012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
769	NW_050%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
770	G50B_050.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
771	G50B_050.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
772	G50B_050.037%	0.875	1.0	1.0	1.0	0.914	91.4	1.0	91.4	0.1	110.4	1.0	91.4	0.0
773	G50B_050.050%	0.875	1.0	1.0	1.0	0.929	92.9	1.0	92.9	0.1	110.4	1.0	92.9	0.0
774	ROY_100.062%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
775	ROY_087.050%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
776	ROY_075.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
777	ROY_062.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
778	NW_037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
779	G50B_037.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
780	G50B_037.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
781	G50B_037.037%	0.875	1.0	1.0	1.0	0.914	91.4	1.0	91.4	0.1	110.4	1.0	91.4	0.0
782	ROY_100.075%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
783	ROY_087.062%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
784	ROY_075.050%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
785	ROY_062.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
786	ROY_050.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
787	ROY_037.012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
788	ROY_037.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
789	G50B_025.012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
790	G50B_025.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
791	G50B_025.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
792	ROY_100.087%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
793	ROY_087.075%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
794	ROY_075.062%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
795	ROY_062.050%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
796	ROY_050.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
797	ROY_037.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
798	NW_012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
799	G50B_012.012%	0.875	1.0	1.0	1.0	0.884	88.4	1.0	88.4	0.1	110.4	1.0	88.4	0.0
800	G50B_012.025%	0.875	1.0	1.0	1.0	0.899	89.9	1.0	89.9	0.1	110.4	1.0	89.9	0.0
801	ROY_100.100%	0.875	1.0	1.0	1.0	0.959	95.9	1.0	95.9	0.1	110.4	1.0	95.9	0.0
802	ROY_087.087%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
803	ROY_075.075%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
804	ROY_062.062%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
805	ROY_050.050%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
806	ROY_037.037%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
807	ROY_025.025%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
808	ROY_012.012%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0
809	NW_000%	0.875	1.0	1.0	1.0	0.875	87.5	1.0	87.5	0.1	110.4	1.0	87.5	0.0

PN150-7N, 1822-F

delta E* = 9.3

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

http://130.149.60.45/~farbmeterik/PN15/PN15LONA.TXT /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/22

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

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

PN150-7N. 19/22-F

5-0131830-F0

<http://130.149.60.45/~farbmatrik/PN15/PN15L0NA.TXT> /.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

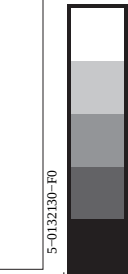
n	H1C*Fe	rgb*Fe	icL*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe
972	NW 000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW 012e	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
974	NW 025e	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
975	NW 037e	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: $rgb/cmyk -> rgb$
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, cmyk

2N150-7N 22/22-F

5-0132130-E0

	HC*Fe	rgb_Fe	icr_Fe	ha_Fe	rgb*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DE*Fe	ha_Me	rgb*Me	LabCh*Me	
1053	NW_086e	0.866	0.866	0.866	360	0.866	0.866	85.0	0.0	0.0	0.0	0.0	
1054	NW_093e	0.933	0.933	0.933	360	0.933	0.933	90.2	0.0	0.0	0.0	0.0	
1055	NW_100e	1.0	1.0	1.0	360	1.0	1.0	95.4	0.0	0.0	0.0	0.0	
1056	NW_000e	0.0	0.0	0.0	360	0.0	0.0	17.7	0.0	0.0	0.0	0.0	
1057	NW_006e	0.066	0.066	0.066	360	0.066	0.066	22.8	0.0	0.0	0.0	0.0	
1058	NW_013e	0.133	0.133	0.133	360	0.133	0.133	28.0	0.0	0.0	0.0	0.0	
1059	NW_020e	0.2	0.2	0.2	360	0.2	0.2	33.2	0.0	0.0	0.0	0.0	
1060	NW_026e	0.266	0.266	0.266	360	0.266	0.266	38.3	0.0	0.0	0.0	0.0	
1061	NW_033e	0.333	0.333	0.333	360	0.333	0.333	43.6	0.0	0.0	0.0	0.0	
1062	NW_040e	0.4	0.4	0.4	360	0.4	0.4	48.8	0.0	0.0	0.0	0.0	
1063	NW_046e	0.466	0.466	0.466	360	0.466	0.466	53.9	0.0	0.0	0.0	0.0	
1064	NW_053e	0.533	0.533	0.533	360	0.533	0.533	59.1	0.0	0.0	0.0	0.0	
1065	NW_060e	0.6	0.6	0.6	360	0.6	0.6	64.3	0.0	0.0	0.0	0.0	
1066	NW_066e	0.666	0.666	0.666	360	0.666	0.666	69.5	0.0	0.0	0.0	0.0	
1067	NW_073e	0.734	0.734	0.734	360	0.734	0.734	74.7	0.0	0.0	0.0	0.0	
1068	NW_080e	0.8	0.8	0.8	360	0.8	0.8	79.9	0.0	0.0	0.0	0.0	
1069	NW_086e	0.866	0.866	0.866	360	0.866	0.866	85.0	0.0	0.0	0.0	0.0	
1070	NW_093e	0.933	0.933	0.933	360	0.933	0.933	90.2	0.0	0.0	0.0	0.0	
1071	NW_100e	1.0	1.0	1.0	360	1.0	1.0	95.4	0.0	0.0	0.0	0.0	
1072	NW_000e	0.0	0.0	0.0	360	0.0	0.0	17.7	0.0	0.0	0.0	0.0	
1073	NW_006e	0.0	0.0	0.0	360	0.0	0.0	22.8	0.0	0.0	0.0	0.0	
1074	NW_013e	0.0	0.0	0.0	360	0.0	0.0	28.0	0.0	0.0	0.0	0.0	
1075	NW_020e	0.0	0.0	0.0	360	0.0	0.0	33.2	0.0	0.0	0.0	0.0	
1076	NW_026e	0.0	0.0	0.0	360	0.0	0.0	38.3	0.0	0.0	0.0	0.0	
1077	NW_033e	0.0	0.0	0.0	360	0.0	0.0	43.6	0.0	0.0	0.0	0.0	
1078	NW_040e	0.0	0.0	0.0	360	0.0	0.0	48.8	0.0	0.0	0.0	0.0	
1079	NW_046e	0.0	0.0	0.0	360	0.0	0.0	53.9	0.0	0.0	0.0	0.0	
1080	NW_053e	0.0	0.0	0.0	360	0.0	0.0	59.1	0.0	0.0	0.0	0.0	
1081	NW_060e	0.0	0.0	0.0	360	0.0	0.0	64.3	0.0	0.0	0.0	0.0	
1082	NW_066e	0.0	0.0	0.0	360	0.0	0.0	69.5	0.0	0.0	0.0	0.0	
1083	NW_073e	0.0	0.0	0.0	360	0.0	0.0	74.7	0.0	0.0	0.0	0.0	
1084	NW_080e	0.0	0.0	0.0	360	0.0	0.0	79.9	0.0	0.0	0.0	0.0	
1085	NW_086e	0.0	0.0	0.0	360	0.0	0.0	85.0	0.0	0.0	0.0	0.0	