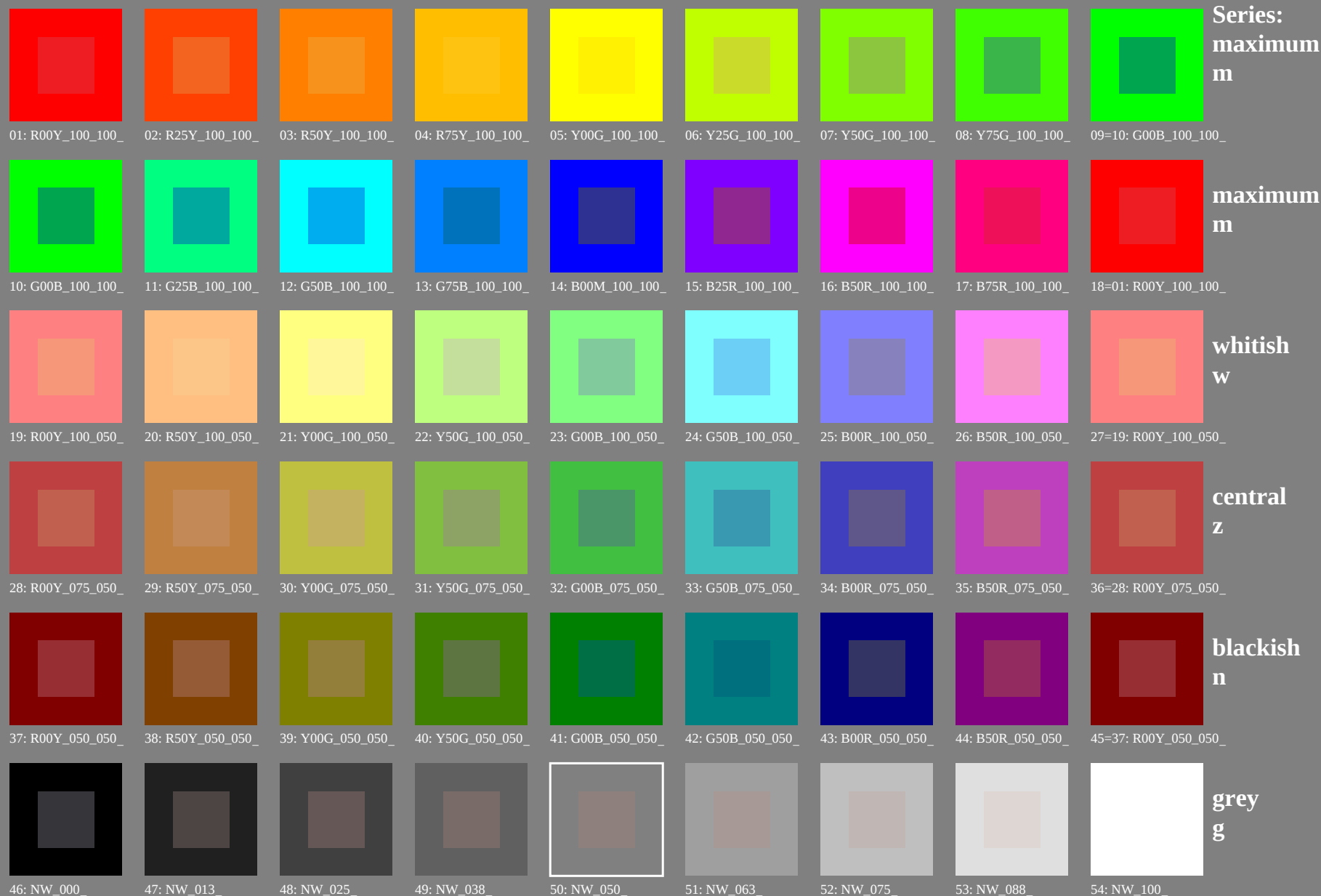


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0)



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



01: R00Y_100_100_d 02: R25Y_100_100_d 03: R50Y_100_100_d 04: R75Y_100_100_d 05: Y00G_100_100_d 06: Y25G_100_100_d 07: Y50G_100_100_d 08: Y75G_100_100_d 09=10: G00B_100_100_d



10: G00B_100_100_d 11: G25B_100_100_d 12: G50B_100_100_d 13: G75B_100_100_d 14: B00M_100_100_d 15: B25R_100_100_d 16: B50R_100_100_d 17: B75R_100_100_d 18=01: R00Y_100_100_d



19: R00Y_100_050_d 20: R50Y_100_050_d 21: Y00G_100_050_d 22: Y50G_100_050_d 23: G00B_100_050_d 24: G50B_100_050_d 25: B00R_100_050_d 26: B50R_100_050_d 27=19: R00Y_100_050_d



28: R00Y_075_050_d 29: R50Y_075_050_d 30: Y00G_075_050_d 31: Y50G_075_050_d 32: G00B_075_050_d 33: G50B_075_050_d 34: B00R_075_050_d 35: B50R_075_050_d 36=28: R00Y_075_050_d



37: R00Y_050_050_d 38: R50Y_050_050_d 39: Y00G_050_050_d 40: Y50G_050_050_d 41: G00B_050_050_d 42: G50B_050_050_d 43: B00R_050_050_d 44: B50R_050_050_d 45=37: R00Y_050_050_d



46: NW_000_d 47: NW_013_d 48: NW_025_d 49: NW_038_d 50: NW_050_d 51: NW_063_d 52: NW_075_d 53: NW_088_d 54: NW_100_d

Series:
maximum
m

maximum
m

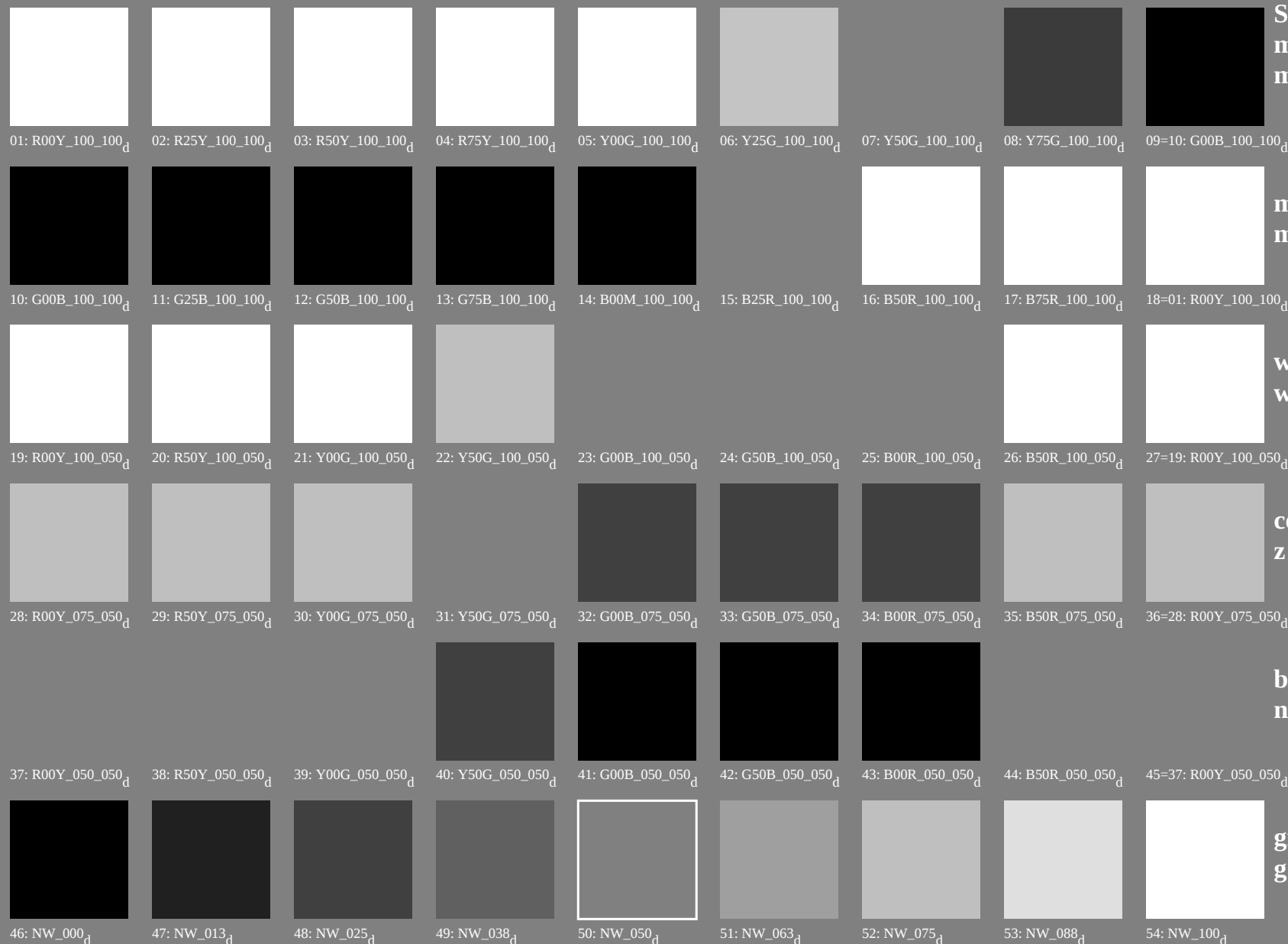
whitish
w

central
z

blackish
n

grey
g

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



Series:
maximum
m

maximum
m

whitish
w

central
z

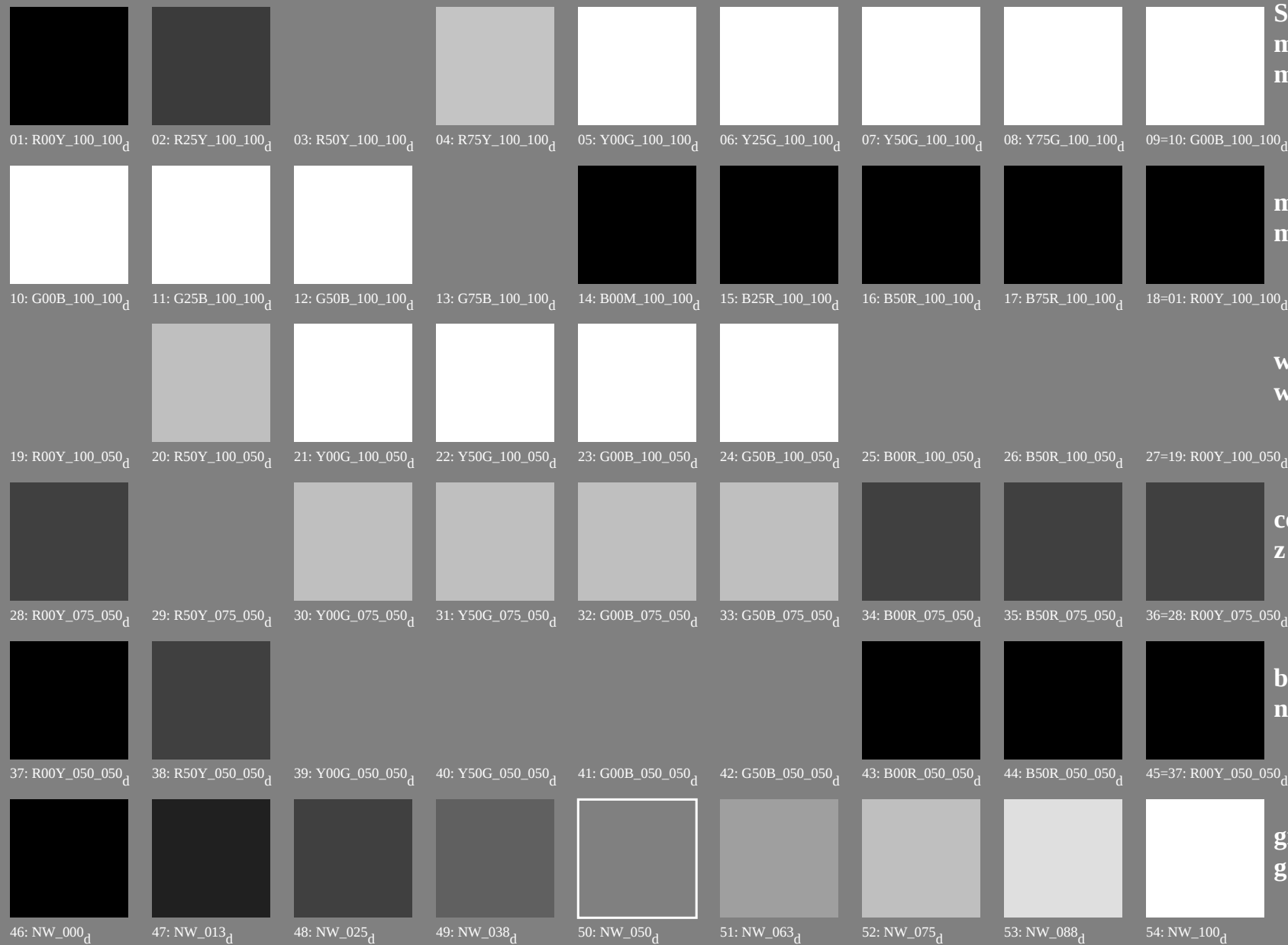
blackish
n

grey
g

see similar files: <http://130.149.60.45/~farbmetrik/PE17/PE17L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE17/PE17L0NP.PDF /.PS
application for measurement of offset print output, separation $cmY0$ (CMY0)
TUB material: code=rha4ta

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



Series:
maximum
m

maximum
m

whitish
w

central
z

blackish
n

grey
g

see similar files: <http://130.149.60.45/~farbmetrik/PE17/PE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE17/PE17L0NP.PDF /.PS
application for measurement of offset print output, separation cmy0 (CMY0)
TUB material: code=rha4ta

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

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

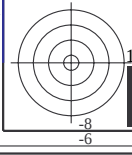
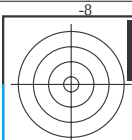
TUB registration: 20130201-PE17/PE17L0NP.PDF / .PS
+ application for measurement of offset print output, separations

TUB material: code=rh4ta
my0 (CMY0)

see similar files: <http://130.149.60.45/~farbmeterik/PE17/PE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB-test chart PE17; colour rendering
54 standard colours, 3D=0, de=0, *cm*y0

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





TUB material: code=rha4ta
my0 (CMY0)

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

Mean color difference of this page: 1.0 1.0 00.7 1.0

see similar files: <http://130.149.60.45/~farbmatrik/PE17/PE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>



TUB material: code=rha4ta
my0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0a*

TUB-test chart PE17; colour rendering colors and differences, ΔE^* , 3D=0, de=0, cmv0

PF 170-7N Page 8/22-F

-003731-E0

-see similar files: <http://130.149.60.45/~farbmatrik/PE17/PE17.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

n/	HIC*Fd	rgb*Fd	tcF_Fd	hs_Fd	rgb*Fd	LabChF*Fd	rgb*Fd	LabChF*Fd	DB*Fd	hsaxd	rgb*Nd	LabCh*Nd	rgb*Nd	hsaxd	rgb*Nd	LabCh*Nd	rgb*Nd	hsaxd	delta E** = 5.0		
0/648	R00Y_100_100d	1.0	0.0	0.0	1.0	0.0	0.0	45.4	70.9	44.8	83.9	76.5	45.7	44.8	83.9	76.5	45.7	44.8	83.9	76.5	45.7
1/648	R00Y_100_100d	1.0	0.253	0.0	1.0	0.0	0.253	53.0	53.4	54.8	83.9	53.4	54.8	83.9	53.4	54.8	83.9	53.4	54.8	83.9	53.4
2/684	R50Y_100_100d	1.0	0.5	0.0	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	0.0	59	1.0	0.5	0.0	64.9	28.9	68.6	74.5
3/702	R75Y_100_100d	1.0	0.75	0.0	1.0	0.75	0.0	84.7	84.8	87.0	86.1	0.0	89	1.0	0.766	0.0	89	1.0	0.766	0.0	89
4/720	Y00G_100_100d	1.0	1.0	0.0	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	0.0	89	1.0	1.0	0.0	87.8	-10.2	95.4	96.0
5/558	Y25G_100_100d	0.75	1.0	0.0	1.0	0.812	-17.0	84.3	86.0	101.4	102	81.2	-17.0	84.3	86.0	101.4	102	81.2	-17.0	84.3	86.0
6/396	Y50G_100_100d	0.5	1.0	0.0	1.0	0.5	1.0	70.6	-29.7	65.8	72.8	114.0	0.0	119	0.5	1.0	0.0	70.6	-29.7	65.8	72.8
7/234	Y75G_100_100d	0.25	1.0	0.0	1.0	0.253	1.0	57.9	-48.3	45.8	66.5	136.5	1.4	137	0.253	1.0	0.0	57.9	-48.3	45.8	66.5
8/72	G00B_100_100d	0.0	1.0	0.0	1.0	0.0	1.0	50.0	-65.0	29.6	71.4	155.5	0.0	149	0.0	1.0	0.0	50.0	-65.0	29.6	71.4
9/72	G00B_100_100d	0.0	1.0	0.0	1.0	0.0	1.0	50.0	-65.0	29.6	71.4	155.5	0.0	149	0.0	1.0	0.0	50.0	-65.0	29.6	71.4
10/106	G25B_100_100d	0.0	1.0	0.0	1.0	0.0	1.0	52.9	-48.6	-8.0	49.3	189.3	0.0	180	0.0	1.0	0.0	52.9	-48.6	-8.0	49.3
11/1180	G50B_100_100d	0.0	1.0	1.0	1.0	0.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	210	0.0	1.0	0.0	56.8	-25.5	-41.5	48.7
12/1144	G75B_100_100d	0.0	0.5	1.0	1.0	0.0	0.5	41.7	-1.2	-40.6	40.6	268.2	0.0	240	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6
13/38	B00M_100_100d	0.0	1.0	1.0	1.0	0.0	1.0	25.0	29.5	-40.7	50.0	306.2	0.0	270	0.0	1.0	0.0	25.0	29.5	-40.7	50.0
14/332	B25R_100_100d	0.5	0.0	1.0	1.0	0.0	1.0	35.6	58.6	-20.4	62.1	340.5	0.0	300	0.5	0.0	1.0	35.6	58.6	-20.4	62.1
15/656	B50R_100_100d	1.0	0.0	1.0	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3
16/652	B75R_100_100d	1.0	0.0	0.5	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9	0.0	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1
17/1768	R00Y_100_100d	1.0	1.0	0.0	1.0	0.0	1.0	45.4	70.9	44.8	83.9	32.3	1.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9
18/688	R00Y_100_050d	1.0	0.5	0.5	1.0	0.5	0.5	70.5	35.4	22.4	41.9	32.3	1.0	389	1.0	0.0	0.0	70.5	35.4	22.4	41.9
19/706	R00Y_100_050d	0.75	0.25	0.25	1.0	0.75</															



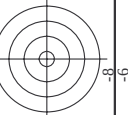
TUB material: code=rha4ta
ny0 (CMY0)

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



Q.T. Q.T.

1000



TUB material: code=rha4ta
ny0 (CMY0)

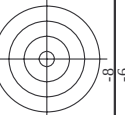
input: *rgb/cmyk* → *rgb*_d
output: transfer to *cmy*_{0d}

TUB-test chart PE17; colour rendering colors and differences, ΔE^* , 3D=0, de

PE170-7N, Page 11/22-F

1-0031031-F0

	HC*Fd	rgb_Fd	icr_Fd	h _a _Fd	rgb*Fd	LabCh*Fd	LabCh*Fd	rgb*Fd	DE*Fd	h _a Δd	rgb*Δd	LabCh*Δd																
62	R00Y_025_025Δ	0.25	0.0	0.0	0.25	0.0	29.6	17.7	11.2	20.9	32.3	0.0	28.1	25.0	7.8	25.2	18.0	7.3	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
63	R00Y_025_025Δ	0.25	0.0	0.125	0.25	0.0	0.125	29.7	18.5	5.2	19.2	24.5	0.0	0.125	28.1	25.0	7.7	7.2	360	1.0	0.0	0.0	45.9	74.2	21.1	77.1	15.9	
64	B340R_025_025Δ	0.25	0.0	0.125	0.25	0.0	0.25	29.8	19.8	0.0	19.8	359.8	0.25	0.25	28.3	27.3	-0.1	27.3	359.7	0.0	0.0	0.0	46.1	79.3	-11.9	69.1	359.8	
65	B340R_025_025Δ	0.25	0.0	0.375	0.125	0.311	0.256	30.1	25.5	-4.4	25.9	350.0	0.25	0.375	28.5	29.3	-4.3	29.6	351.6	0.0	0.0	0.0	39.8	68.1	-10.9	69.1	350.0	
66	B25R_050_050Δ	0.25	0.0	0.5	0.25	0.300	0.25	29.9	32.7	-10.0	31.0	340.5	0.25	0.5	28.5	30.6	-17.0	36.8	334.1	0.0	0.0	0.0	35.6	58.6	-20.7	62.1	340.5	
67	B19R_062_062Δ	0.25	0.0	0.625	0.312	0.293	0.239	0.0	0.625	29.7	32.7	36.0	0.25	0.625	28.5	32.6	-17.0	36.8	332.3	0.0	0.0	0.0	32.9	52.3	-25.7	58.3	333.8	
68	B15R_075_075Δ	0.25	0.0	0.75	0.375	0.286	0.233	0.0	0.75	29.3	35.5	29.7	0.25	0.75	28.7	36.0	-28.1	42.8	327.3	0.0	0.0	0.0	30.9	47.3	-31.8	55.7	328.1	
69	B15R_075_075Δ	0.25	0.0	0.875	0.437	0.286	0.233	0.0	0.875	28.7	37.9	47.0	0.25	0.875	28.6	39.2	-28.1	42.8	324.3	0.0	0.0	0.0	29.4	43.3	-31.8	53.8	323.6	
70	B11R_100_100Δ	0.25	0.0	1.0	0.5	0.284	0.233	0.0	1.0	28.7	41.2	32.5	0.0	1.0	28.8	41.9	-32.5	53.1	322.1	0.0	0.0	0.0	28.7	41.2	-33.1	52.9	321.1	
71	R50Y_025_025Δ	0.25	0.125	0.0	0.25	0.25	0.125	0.0	0.25	17.1	18.6	67.1	0.25	0.125	0.0	31.0	16.8	18.6	25.3	9.7	0.0	0.0	64.9	28.9	68.6	74.5	67.1	
72	R50Y_025_025Δ	0.25	0.125	0.125	0.25	0.25	0.124	0.124	35.9	8.8	5.6	10.4	0.25	0.125	0.125	31.0	16.8	18.6	25.3	9.7	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
73	R50Y_025_012Δ	0.25	0.125	0.125	0.25	0.25	0.124	0.25	36.0	9.9	9.9	359.8	0.25	0.125	0.25	31.5	18.6	3.2	18.9	9.7	0.0	0.0	46.1	79.3	-0.2	79.3	359.8	
74	B15R_050_037Δ	0.25	0.125	0.375	0.25	0.300	0.25	0.124	0.375	36.0	14.6	-11.0	0.25	0.125	0.375	31.7	20.3	-2.2	20.6	353.7	0.0	0.0	0.0	35.6	58.6	-20.7	62.1	340.5
75	B15R_050_037Δ	0.25	0.125	0.5	0.5	0.375	0.312	0.289	0.243	0.124	0.5	35.7	0.25	0.125	0.5	31.9	22.3	-9.9	24.4	335.9	0.0	0.0	0.0	30.9	47.3	-29.4	55.7	328.1
76	B19R_062_050Δ	0.25	0.125	0.625	0.5	0.375	0.284	0.241	0.125	0.625	35.4	-16.5	0.25	0.125	0.625	32.1	24.2	-16.1	29.5	326.9	0.0	0.0	0.0	28.7	41.2	-33.1	52.9	321.1
77	B09R_075_062Δ</																											



TUB material: code=rha4ta
ny0 (CMY0)

input: *rgb/cmyk* → *rgb*_d
output: transfer to *cmy*_d

PE170-7N, Page 12/22-F

[illegible]

see similar files: <http://130.149.60.45/~farbmatrik/PE17/PE17.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

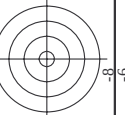
TUB-test chart PE17; colour rendering colors and differences. ΔE^* , $3D=0$, $de=0$, $cmv0$

input: *rgb/cmyk* → *rgb*
output: transfer to *cmv0d*

[illegible]

input: *rgb/cmyk* → *rgb*_d
output: transfer to *cmy*_d

	HIC*Fd	rgp*Fd	tbl*Fd	hla_rfd	rgp*Fd	tbl*Ch*Fd	tbl*Ch*Fd	DE*Fd	hla_rfd	rgp*Fd	tbl*Ch*Fd	tbl*Ch*Fd
05	R00Y_062_062A	0625	0.0	0.625	0.312	379	44.3	28.0	52.4	32.3	52.4	53.3
06	R00Y_062_062A	0625	0.0	0.625	0.312	379	44.3	28.0	52.4	32.3	52.4	53.3
07	R11Y_062_062A	0625	0.0	0.625	0.312	379	45.6	17.4	48.8	11.4	54.8	54.8
08	B60R_062_062A	0625	0.0	0.625	0.312	353	47.7	9.5	48.8	11.4	54.8	54.8
09	B50R_062_062A	0625	0.0	0.625	0.312	341	48.5	3.9	48.7	4.6	59.3	59.3
10	B50R_062_062A	0625	0.0	0.625	0.312	341	48.5	3.9	48.7	4.6	59.3	59.3
11	B42R_075_075A	0625	0.0	0.625	0.312	330	49.6	-0.1	49.9	35.9	61.6	61.6
12	B36R_087_087A	0625	0.0	0.625	0.312	321	49.6	-0.1	49.9	35.9	61.6	61.6
13	B31R_100_100A	0625	0.0	0.625	0.312	308	55.7	-13.7	67.2	34.8	65.4	65.4
14	R18Y_062_062A	0625	0.0	0.625	0.312	41	36.1	32.8	48.8	42.2	40.5	40.5
15	R26Y_062_050A	0625	0.0	0.625	0.312	41	36.1	32.8	48.8	42.2	40.5	40.5
16	R26Y_062_050A	0625	0.0	0.625	0.312	41	36.1	32.8	48.8	42.2	40.5	40.5
17	R00Y_062_050A	0625	0.0	0.625	0.312	376	43.9	17.6	44.1	32.3	51.0	51.0
18	R61R_062_050A	0625	0.0	0.625	0.312	340	37.1	10.5	38.8	15.9	47.2	47.2
19	B61R_062_050A	0625	0.0	0.625	0.312	340	37.1	10.5	38.8	15.9	47.2	47.2
20	B40R_075_062A	0625	0.0	0.625	0.312	339	48.5	-0.1	49.9	35.9	61.6	61.6
21	B34R_087_075A	0625	0.0	0.625	0.312	311	49.6	-0.1	49.9	35.9	61.6	61.6
22	R23R_100_087A	0625	0.0	0.625	0.312	48	51.0	-8.9	51.8	35.0	54.8	54.8
23	R38Y_062_062A	0625	0.0	0.625	0.312	53	44.3	55.3	27.4	39.1	46.2	46.2
24	R38Y_062_050A	0625	0.0	0.625	0.312	53	44.3	55.3	27.4	39.1	46.2	46.2
25	R00Y_062_037A	0625	0.0	0.625	0.312	390	26.6	16.8	31.4	32.3	45.7	45.7
26	R18Y_062_037A	0625	0.0	0.625	0.312	379	27.2	11.7	29.6	23.2	40.5	40.5
27	B60R_062_037A	0625	0.0	0.625	0.312	349	28.6	4.4	29.0	8.9	46.2	46.2
28	B60R_062_037A	0625	0.0	0.625	0.312	349	28.6	4.4	29.0	8.9	46.2	46.2
29	B30R_075_050A	0625	0.0	0.625	0.312	316	35.8	-4.3	36.0	35.4	40.5	40.5
30	B30R_075_050A	0625	0.0	0.625	0.312	316	35.8	-4.3	36.0	35.4	40.5	40.5
31	R61Y_062_062A	0625	0.0	0.625	0.312	67	50.6	-9.0	41.6	34.7	40.5	40.5
32	R61Y_062_062A	0625	0.0	0.625	0.312	67	50.6	-9.0	41.6	34.7	40.5	40.5
33	R00Y_062_050A	0625	0.0	0.625	0.312	60	43.9	-15.5	46.0	34.0	51.0	51.0
34	R31Y_062_037A	0625	0.0	0.625	0.312	437	54.2	17.1	22.2	28.1	52.4	52.4
35	R00Y_062_025A	0625	0.0	0.625	0.312	380	36.3	17.7	11.2	20.9	32.3	32.3
36	R00Y_062_025A	0625	0.0	0.625	0.312	380	36.3	17.7	11.2	20.9	32.3	32.3
37	R00Y_062_025A	0625	0.0	0.625	0.312	380	36.3	17.7	11.2	20.9	32.3	32.3
38	R34R_075_050A	0625	0.0	0.625	0.312	293	40.5	-10.3	40.5	32.3	40.5	40.5
39	R34R_075_050A	0625	0.0	0.625	0.312	293	40.5	-10.3	40.5	32.3	40.5	40.5
40	R18Y_062_062A	0625	0.0	0.625	0.312	79	56.7	32.7	16.0	36.4	33.8	33.8
41	R18Y_062_062A	0625	0.0	0.625	0.312	79	56.7	32.7	16.0	36.4	33.8	33.8
42	R65Y_062_050A	0625	0.0	0.625	0.312	76	62.5	42.3	42.4	87.0	43.8	43.8
43	R65Y_062_050A	0625	0.0	0.625	0.312	76	62.5	42.3	42.4	87.0	43.8	43.8
44	R00Y_062_025A	0625	0.0	0.625	0.312	60	43.9	18.6	17.1	18.6	67.1	67.1
45	R00Y_062_025A	0625	0.0	0.625	0.312	60	43.9	18.6	17.1	18.6	67.1	67.1
46	B50R_062_012A	0625	0.0	0.625	0.312	330	56.2	5.6	56.2	32.3	56.2	56.2
47	B50R_062_012A	0625	0.0	0.625	0.312	330	56.2	5.6	56.2	32.3	56.2	56.2
48	B18R_087_037A	0625	0.0	0.625	0.312	284	61.6	0.5	61.6	32.3	61.6	61.6
49	B11R_100_050A	0625	0.0	0.625	0.312	289	61.6	0.5	61.6	32.3	61.6	61.6
50	Y00G_062_062A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
51	Y00G_062_050A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
52	Y00G_062_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
53	Y00G_062_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
54	Y00G_062_012A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
55	NW_062A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
56	B00R_087_012A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
57	B00R_087_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
58	B00R_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
59	Y15G_075_075A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
60	Y18G_075_062A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
61	Y23G_075_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
62	Y31G_075_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
63	Y50G_075_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
64	G00B_075_012A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
65	G00B_075_012A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
66	G75B_087_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
67	G84B_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
68	Y31G_087_075A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
69	Y30G_087_062A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
70	Y50G_087_050A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
71	Y60G_087_050A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
72	Y60G_087_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
73	G00B_087_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
74	G23B_087_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
75	G23B_087_025A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
76	G58B_100_012A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
77	Y40G_100_100A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
78	Y41G_100_087A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
79	Y50G_100_075A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
80	Y61G_100_062A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
81	Y76G_100_050A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
82	G00B_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
83	G15B_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
84	G34B_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5
85	G50B_100_037A	0625	0.0	0.625	0.312	90	62.5	-5.1	62.5	32.3	62.5	62.5

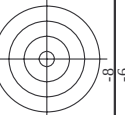


TUB material: code=rha4ta
ny0 (CMY0)

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

PE170-7N, Page 15/22-F

	HIC ⁺ Fd	rgb ⁺ Fd	icL ⁺ Fd	hs _g ⁺ Fd	rgb ⁺ Fd	LabCh ⁺ Fd	LabCh ⁺ Fd	DE ⁺ Fd	hs _{ad} ⁺ Fd	rgb ⁺ Fd	LabCh ⁺ Fd	DE ⁺ Fd	hs _{ad} ⁺ Fd	rgb ⁺ Fd	LabCh ⁺ Fd	DE ⁺ Fd	hs _{ad} ⁺ Fd	delta F _g = 3.0								
486	ROXY ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	390	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
487	R35Y ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	381	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
488	R18Y ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	371	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
489	R00Y ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	360	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
490	B65K ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	349	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
491	B57K ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	339	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
492	B50K ⁺ , 0.75, 0.75d	0.75	0.0	0.75	0.75	0.375	330	62.9	32.3	0.75	0.0	0.0	36.3	69.4	31.5	6.6	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	
493	B43K ⁺ , 0.87, 0.87d	0.75	0.0	0.875	0.758	0.437	322	62.9	32.3	0.758	0.0	0.875	41.6	65.5	-4.6	65.7	355.9	0.7	41.6	66.9	0.0	46.1	79.3	-0.2	79.3	359.8
494	B38K ⁺ , 1.00, 1.00d	0.75	0.0	1.0	0.766	0.0	316	62.9	32.3	0.766	0.0	1.0	42.4	71.6	-8.7	72.1	353.0	0.7	42.4	71.6	0.0	46.1	79.3	-0.2	79.3	359.8
495	R15Y ⁺ , 0.75, 0.75d	0.75	0.125	0.75	0.75	0.375	39	62.9	32.3	0.75	0.125	0.75	0.112	0.0	43.1	65.7	39	0.75	0.112	0.0	0.0	46.1	79.3	-0.2	79.3	359.8
496	ROXY ⁺ , 0.75, 0.62d	0.75	0.125	0.75	0.625	0.437	390	62.9	32.3	0.75	0.125	0.625	46.4	44.3	45.5	38.0	59.3	0.75	0.125	0.625	0.0	46.1	79.3	-0.2	79.3	359.8
497	R11Y ⁺ , 0.75, 0.62d	0.75	0.125	0.75	0.625	0.437	379	62.9	32.3	0.75	0.125	0.625	44.9	23.4	50.6	52.4	50.6	0.75	0.125	0.625	0.0	46.1	79.3	-0.2	79.3	359.8
498	B69K ⁺ , 0.75, 0.62d	0.75	0.125	0.75	0.625	0.437	367	62.9	32.3	0.75	0.125	0.625	46.6	45.6	17.4	48.8	20.8	0.75	0.125	0.625	0.0	46.1	79.3	-0.2	79.3	359.8
499	B59K ⁺ , 0.75, 0.62d	0.75	0.125	0.75	0.625	0.437	353	62.9	32.3	0.75	0.125	0.625	46.7	45.6	11.4	48.8	20.8	0.75	0.125	0.625	0.0	46.1	79.3	-0.2	79.3	359.8
500	B59K ⁺ , 0.75, 0.62d	0.75	0.125	0.75	0.625	0.437	341	62.9	32.3	0.75	0.125	0.625	46.7	45.6	5.5	48.8	20.8	0.75	0.125	0.625	0.0	46.1	79.3	-0.2</		



TUB material: code=rha4ta
ny0 (CMY0)

A target diagram for the '500' target. It consists of a central bullseye, surrounded by three concentric circles. A vertical line and a horizontal line intersect at the center, dividing the target into four quadrants. The number '500' is printed vertically to the right of the target.

TUB-test chart PE17; colour rendering colors and differences, ΔE^* , 3D=0, de=0, *cmv0*
input: *rgb/cmyk* - > *rgba*
output: transfer to *cmv0a*

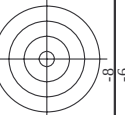
TUB-test chart PE17; colour rendering colors and differences, ΔE^* , 3D=0, de=

Page 16/22-F

	HIC ^{Fe}	rgb ^{Fe}	icr ^{Fe}	hsa ^{Fe}	LabCh ^{Fe}	rgb ^{Fe}	LabCh ^{Fe}	DE ^{Fe}	hsa ^{Fe}	rgb ^{Md}	LabCh ^{Md}																		
567	ROXY_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	390	62.0	39.2	73.4	32.3	0.875	0.0	43.2	65.4	76.9	31.8	3.6	389	1.0	0.0	0.0	45.4	70.9	83.9	32.3		
568	R36Y_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.116	42.9	62.5	34.2	62.5	43.3	66.0	35.3	74.9	28.1	3.5	382	1.0	0.0	0.133	45.5	71.5	83.9	32.3	
569	R23Y_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.233	43.0	63.2	29.5	69.8	0.25	43.6	66.5	72.8	23.9	3.3	375	1.0	0.0	0.266	45.6	72.3	83.9	32.3	
570	ROXY_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.343	43.1	64.2	22.7	68.1	0.375	43.6	67.7	23.3	71.6	19.0	3.5	365	1.0	0.0	0.416	45.8	73.4	83.9	32.3
571	B70R_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.432	43.2	65.8	14.8	67.4	0.437	43.7	69.3	16.0	71.2	13.0	3.7	354	1.0	0.0	0.583	45.9	75.2	83.9	32.3
572	B63R_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.541	43.2	67.3	8.3	67.8	0.547	43.7	70.8	9.1	71.4	7.5	3.6	344	1.0	0.0	0.733	45.9	77.0	83.9	32.3
573	B56R_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.641	43.2	68.4	3.8	68.5	0.647	43.7	72.5	4.2	72.5	3.3	4.0	337	1.0	0.0	0.866	45.9	78.1	83.9	32.3
574	B50R_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.758	43.2	68.4	-0.1	69.4	0.759	43.7	73.5	-0.8	73.5	3.5	4.2	330	1.0	0.0	0.733	45.9	78.1	83.9	32.3
575	B44R_100_1004	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.44.3	75.4	43.6	75.6	75.6	0.44.3	75.4	75.6	44.0	75.3	35.0	4.4	323	1.0	0.0	0.461	79.3	-0.2	79.3	359.8
576	R13Y_087_0874	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.116	46.1	54.3	43.6	69.7	0.116	46.1	54.3	44.0	71.5	38.6	2.4	327	1.0	0.133	0.0	44.2	62.1	49.8	38.7
577	ROXY_087_0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.125	49.1	53.2	62.9	32.3	0.875	0.125	49.1	53.2	62.9	34.5	5.8	389	1.0	0.0	0.454	70.9	83.9	32.3	
578	R35Y_087_0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.232	49.1	53.7	29.2	61.1	0.235	49.1	53.7	29.2	61.1	28.5	4.6	382	1.0	0.0	0.454	70.9	83.9	32.3	
579	R18Y_087_0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.362	49.3	54.5	23.3	59.3	0.365	49.3	54.5	23.3	61.1	28.5	4.6	382	1.0	0.0	0.454	70.9	83.9	32.3	
580	ROXY_087_0754	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.0	0.494	49.4	55.6	15.8	57.8	0.497	49.4	55.6	15.8	61.1	28.5	4.6	382	1.0	0.0	0.454	70.9	83.9	32.3	
581	B65R_087_0754	0.87																											

technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>





TUB material: code=rha4ta
ny0 (CMY0)

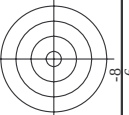
TC

), $cm y 0$

$\rho_{\text{cm}} > \rho_{\text{bg}}$

er output

<i>i</i>	<i>i</i> H <i>C</i> ⁺ <i>F</i> _{id}	<i>h</i> ₅ <i>F</i> _{id}	<i>rgb</i> ⁺ <i>F</i> _{id}	<i>LabCh</i> ⁺ <i>F</i> _{id}	<i>iC</i> ₁ <i>F</i> _{id}	<i>rgb</i> ⁺ <i>F</i> _{id}	<i>LabCh</i> ⁺ <i>F</i> _{id}	<i>h</i> ₅ <i>F</i> _{id}	<i>rgb</i> ⁺ <i>F</i> _{id}	<i>LabCh</i> ⁺ <i>F</i> _{id}	<i>DE</i> ⁺ <i>F</i> _{id}	<i>h</i> ₅ <i>F</i> _{id}	<i>rgb</i> ⁺ <i>F</i> _{id}	<i>LabCh</i> ⁺ <i>F</i> _{id}	<i>i</i>				
448	R00Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	0.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
449	R00Y ₁₀₀ ,100,100 ₄	1.0	0.5	393	1.0	0.0	0.0	45.5	71.4	40.1	81.9	29.3	0.3	389	1.0	0.0	0.0	40.1	81.9
450	R38Y ₁₀₀ ,100,100 ₄	1.0	1.0	0.5	393	1.0	0.0	0.116	45.5	71.4	40.1	81.9	29.3	0.3	389	1.0	0.0	0.116	45.5
451	R26Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	376	1.0	0.0	0.233	45.6	72.1	35.3	80.0	25.6	0.7	377	1.0	0.0	0.233	45.6
452	R13Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	368	1.0	0.0	0.366	45.8	72.9	28.3	78.3	21.1	0.4	368	1.0	0.0	0.366	45.8
453	R00Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	360	1.0	0.0	0.0	45.9	74.2	21.1	77.1	15.9	0.0	351	1.0	0.0	0.0	45.9
454	R68R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	352	1.0	0.0	0.633	46.0	75.7	14.4	77.1	11.1	0.4	351	1.0	0.0	0.633	46.0
455	B61R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	344	1.0	0.0	0.766	45.9	77.3	8.6	77.1	6.4	0.6	342	1.0	0.0	0.766	45.9
456	B51R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	337	1.0	0.0	0.883	45.9	78.3	3.8	78.4	2.8	1.0	0.0	0.883	45.9	78.3	
457	R11Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	1.0	46.1	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
458	R00Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
459	R36Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
460	R23Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
461	R00Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
462	R63R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
463	B63R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
464	B50R ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
465	R23Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
466	R13Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116	46.0	79.3	0.2	79.3	0.2	1.0	0.0	46.1	79.3	0.2	
467	R00Y ₁₀₀ ,100,100 ₄	1.0	0.0	0.5	330	1.0	0.0	0.116											



TUB material: code=rha4ta
ny0 (CMY0)

PE170-7N, Page 19/2

PE170-7N, Page 19/2

[illegible]

n	H1C*Fd	rgb_Fd	icr_Fd	hs_Fd	rgb_Fd	LabCH*Fd	rgb*Fd	LabCH*Fd	DF*Fd	hs_Fd	rgb*Fd	LabCH*Nd	LabCH*Nd
891	NW_100d	1.0	1.0	1.0	1.0	95.6	1.0	95.6	0.1	360	1.0	1.0	95.6
892	B50R_100.012d	0.875	1.0	0.875	1.0	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
893	B50R_100.025d	0.75	1.0	0.75	1.0	83.2	1.0	90.7	15.6	330	1.0	1.0	95.6
894	B50R_100.037d	0.625	1.0	0.625	1.0	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
895	B50R_100.050d	0.5	1.0	0.5	1.0	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
896	B50R_100.062d	0.375	1.0	0.375	1.0	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
897	B50R_100.075d	0.25	1.0	0.25	1.0	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
898	B50R_100.087d	0.125	1.0	0.125	1.0	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
899	B50R_100.100d	0.0	1.0	0.0	1.0	76.0	1.0	90.7	68.4	330	1.0	1.0	95.6
900	GOB_100.012d	0.875	1.0	0.875	1.0	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
901	NW_087d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
902	B50R_087.012d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
903	B50R_087.025d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
904	B50R_087.037d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
905	B50R_087.050d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
906	B50R_087.062d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
907	B50R_087.075d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
908	B50R_087.087d	0.875	0.875	0.875	0.875	84.4	0.9	90.7	6.8	330	1.0	1.0	95.6
909	GOB_100.025d	0.75	1.0	0.75	1.0	83.2	1.0	90.7	15.6	330	1.0	1.0	95.6
910	GOB_100.037d	0.625	1.0	0.625	1.0	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
911	NW_075d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
912	B50R_075.012d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
913	B50R_075.025d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
914	B50R_075.037d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
915	B50R_075.050d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
916	B50R_075.062d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
917	B50R_075.075d	0.75	0.875	0.75	0.875	83.2	1.0	90.7	24.4	330	1.0	1.0	95.6
918	GOB_100.037d	0.625	1.0	0.625	1.0	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
919	GOB_100.050d	0.5	1.0	0.5	1.0	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
920	GOB_100.062d	0.375	1.0	0.375	1.0	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
921	GOB_100.075d	0.25	1.0	0.25	1.0	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
922	B50R_062.012d	0.625	0.625	0.625	0.625	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
923	B50R_062.025d	0.625	0.625	0.625	0.625	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
924	B50R_062.037d	0.625	0.625	0.625	0.625	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
925	B50R_062.050d	0.625	0.625	0.625	0.625	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
926	B50R_062.062d	0.625	0.625	0.625	0.625	82.2	1.0	90.7	24.4	330	1.0	1.0	95.6
927	GOB_100.050d	0.5	1.0	0.5	1.0	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
928	GOB_087.037d	0.5	0.875	0.5	0.875	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
929	GOB_087.050d	0.5	0.875	0.5	0.875	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
930	GOB_087.062d	0.5	0.875	0.5	0.875	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
931	NW_050d	0.5	0.5	0.5	0.5	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
932	B50R_050.012d	0.5	0.5	0.5	0.5	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
933	B50R_050.025d	0.5	0.5	0.5	0.5	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
934	B50R_050.037d	0.5	0.5	0.5	0.5	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
935	B50R_050.050d	0.5	0.5	0.5	0.5	80.8	1.0	90.7	33.2	330	1.0	1.0	95.6
936	B50R_050.062d	0.375	1.0	0.375	1.0	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
937	GOB_087.050d	0.375	0.875	0.375	0.875	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
938	GOB_087.062d	0.375	0.875	0.375	0.875	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
939	GOB_087.075d	0.375	0.875	0.375	0.875	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
940	NW_037d	0.375	0.5	0.375	0.5	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
941	B50R_037.012d	0.375	0.375	0.375	0.375	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
942	B50R_037.025d	0.375	0.375	0.375	0.375	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
943	B50R_037.037d	0.375	0.375	0.375	0.375	79.6	1.0	90.7	42.0	330	1.0	1.0	95.6
944	B50R_037.050d	0.25	1.0	0.25	1.0	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
945	GOB_100.075d	0.25	1.0	0.25	1.0	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
946	GOB_087.062d	0.25	0.875	0.25	0.875	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
947	GOB_087.075d	0.25	0.875	0.25	0.875	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
948	GOB_087.087d	0.25	0.875	0.25	0.875	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
949	GOB_050.012d	0.25	0.5	0.25	0.5	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
950	GOB_037.012d	0.25	0.375	0.25	0.375	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
951	NW_025d	0.25	0.25	0.25	0.25	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
952	B50R_025.012d	0.25	0.25	0.25	0.25	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
953	B50R_025.025d	0.25	0.25	0.25	0.25	78.4	1.0	90.7	50.8	330	1.0	1.0	95.6
954	B50R_025.037d	0.125	1.0	0.125	1.0	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
955	GOB_087.075d	0.125	0.875	0.125	0.875	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
956	GOB_087.087d	0.125	0.875	0.125	0.875	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
957	GOB_050.037d	0.125	0.625	0.125	0.625	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
958	GOB_050.050d	0.125	0.625	0.125	0.625	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
959	GOB_037.025d	0.125	0.375	0.125	0.375	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
960	GOB_025.012d	0.125	0.25	0.125	0.25	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
961	NW_012d	0.125	0.125	0.125	0.125	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
962	B50R_012.012d	0.125	0.125	0.125	0.125	77.2	1.0	90.7	59.6	330	1.0	1.0	95.6
963	GOB_100.100d	0.0	1.0	0.0	1.0	76.0	1.0	90.7	68.4	330	1.0	1.0	95.6
964	GOB_087.087d	0.0	0.875	0.0	0.875	76.0	1.0	90.7	68.4	330	1.0	1.0	95.6
965	GOB_075.075d	0.0	0.75	0.0	0.75	75.0	1.0	90.7	77.2	330	1.0	1.0	95.6
966	GOB_062.062d	0.0	0.625	0.0	0.625	74.0	1.0	90.7	86.0	330	1.0	1.0	95.6
967	GOB_050.050d	0.0	0.5	0.0	0.5	73.0	1.0	90.7	94.8	330	1.0	1.0	95.6
968	GOB_037.037d	0.0	0.375	0.0	0.375	72.0	1.0	90.7	103.6	330	1.0	1.0	95.6
969	GOB_025.025d	0.0	0.25	0.0	0.25	71.0	1.0	90.7	112.4	330	1.0	1.0	95.6
970	GOB_012.012d	0.0	0.125	0.0	0.125	70.0	1.0	90.7	121.2	330	1.0	1.0	95.6
971	NW_000d	0.0	0.0	0.0	0.0	69.0	1.0	90.7	130.0	330	1.0	1.0	95.6

<http://130.149.60.45/~farbmatrik/PE17/PE17LONP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/22

TUB-test chart PE17; colour rendering
colors and differences, ΔE^* , 3D=0, de=0, cmy0

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

n	H1C*Fid	rgb_Fid	ic1_Fid	hsa_Fid	rgb*Fid	LabCH*Fid	LabCH*Fid	DF*Fid	hsa*Fid	rgb*Fid	LabCH*Fid
972	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
973	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
974	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
975	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
976	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
977	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
978	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
979	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
980	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
981	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
982	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
983	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
984	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
985	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
986	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
987	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
988	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
989	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
990	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
991	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
992	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
993	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
994	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
995	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
996	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
997	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
998	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
999	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1000	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1001	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1002	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1003	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1004	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1005	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1006	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1007	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
1008	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1009	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1010	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1011	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1012	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1013	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1014	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1015	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1016	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
1017	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1018	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1019	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1020	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1021	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1022	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1023	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1024	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1025	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
1026	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1027	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1028	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1029	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1030	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1031	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1032	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1033	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1034	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
1035	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1036	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1037	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1038	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1039	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1040	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1041	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1042	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1043	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956
1044	NW_0004	0.0	0.0	0.0	0.0	0.0	23.1	1.0	302.0	1.0	956
1045	NW_0124	0.125	0.125	0.125	0.125	0.125	23.1	1.0	302.0	1.0	956
1046	NW_0254	0.25	0.25	0.25	0.25	0.25	23.1	1.0	302.0	1.0	956
1047	NW_0374	0.375	0.375	0.375	0.375	0.375	23.1	1.0	302.0	1.0	956
1048	NW_0504	0.5	0.5	0.5	0.5	0.5	23.1	1.0	302.0	1.0	956
1049	NW_0624	0.625	0.625	0.625	0.625	0.625	23.1	1.0	302.0	1.0	956
1050	NW_0754	0.75	0.75	0.75	0.75	0.75	23.1	1.0	302.0	1.0	956
1051	NW_0874	0.875	0.875	0.875	0.875	0.875	23.1	1.0	302.0	1.0	956
1052	NW_1004	1.0	1.0	1.0	1.0	1.0	23.1	1.0	302.0	1.0	956

PE170-77N, Page 21/22-F

I-0032031-F0

Mean color difference of this page:
delta E* = 9.2

n	HfC*Fd	rgb_Fd	ic*_Fd	h*_Fd	rgb*_Fd	LabCh*_Fd	h*_Fd	LabCh*_Fd	rgb*_Fd	DF*Fd	h*_d	rgb*_d	LabCh*_d
1053	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	3.7	360	1.0	956
1054	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	1.5	360	1.0	956
1055	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	360	1.0	956
1056	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	360	1.0	956
1057	NW_006d	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	6.7	360	1.0	956
1058	NW_013d	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	13.3	360	1.0	956
1059	NW_020d	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	22.4	360	1.0	956
1060	NW_026d	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	30.4	360	1.0	956
1061	NW_033d	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	40.4	360	1.0	956
1062	NW_040d	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	48.4	360	1.0	956
1063	NW_046d	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	56.4	360	1.0	956
1064	NW_053d	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	64.4	360	1.0	956
1065	NW_060d	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	72.4	360	1.0	956
1066	NW_066d	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	80.4	360	1.0	956
1067	NW_073d	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	88.4	360	1.0	956
1068	NW_080d	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	96.4	360	1.0	956
1069	NW_086d	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	104.4	360	1.0	956
1070	NW_093d	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	112.4	360	1.0	956
1071	NW_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	120.4	360	1.0	956
1072	NW_000d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.4	360	1.0	956
1073	ROY_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	136.4	360	1.0	956
1074	G50B_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.4	360	1.0	956
1075	Y06C_100_100d	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	152.4	360	1.0	956
1076	B06C_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	160.4	360	1.0	956
1077	B08C_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.4	360	1.0	956
1078	B50R_100_100d	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.4	360	1.0	956
1079	B50R_100_100d	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	184.4	360	1.0	956

Mean color difference of this page:

delta E** = 5.8