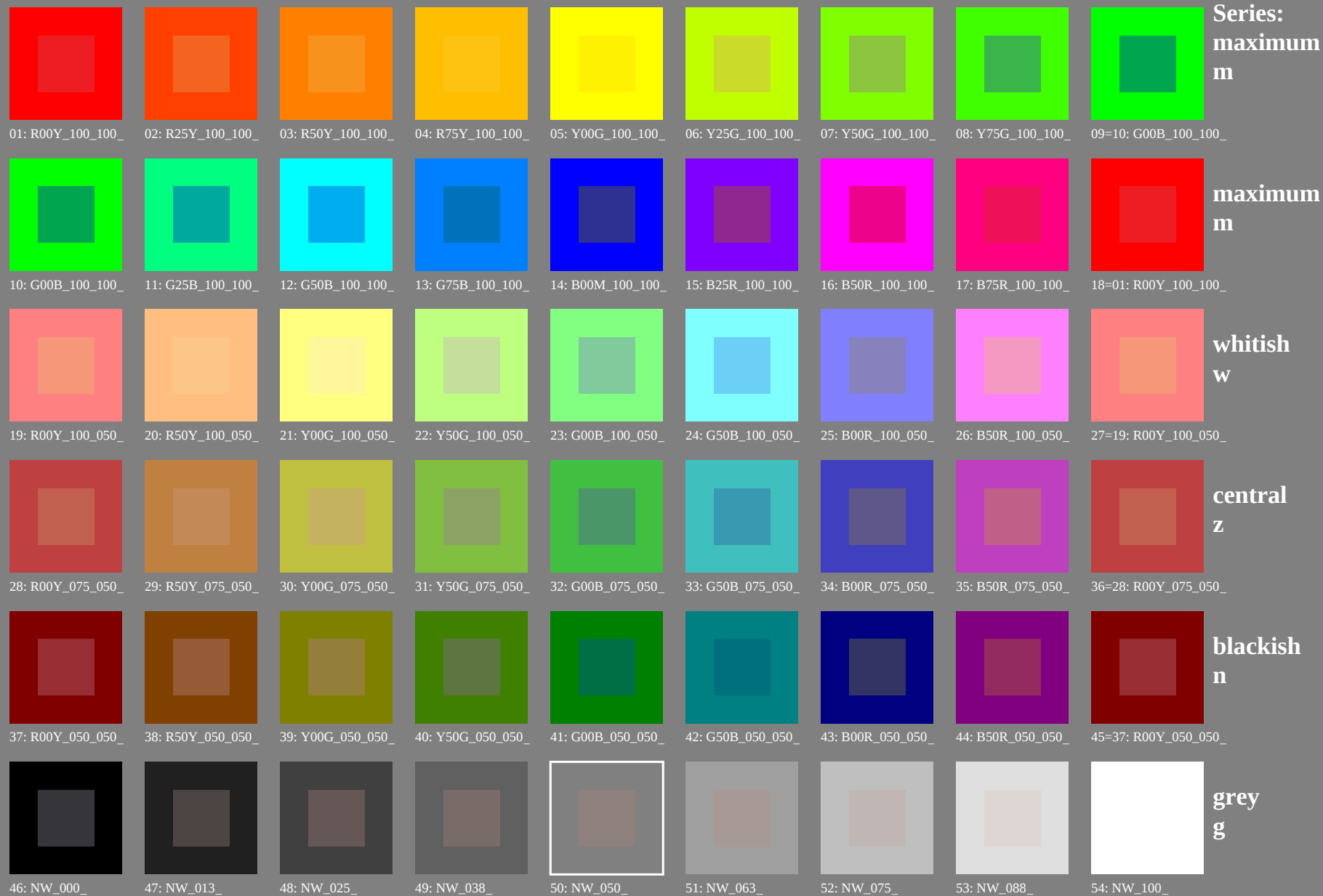


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK)

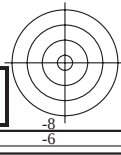


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb^*e$



see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE15/PE15L0NA.TXT /.PS
application for measurement of offset print output, separation cmyk6 (CMYK)
TUB material: code=rha4ta

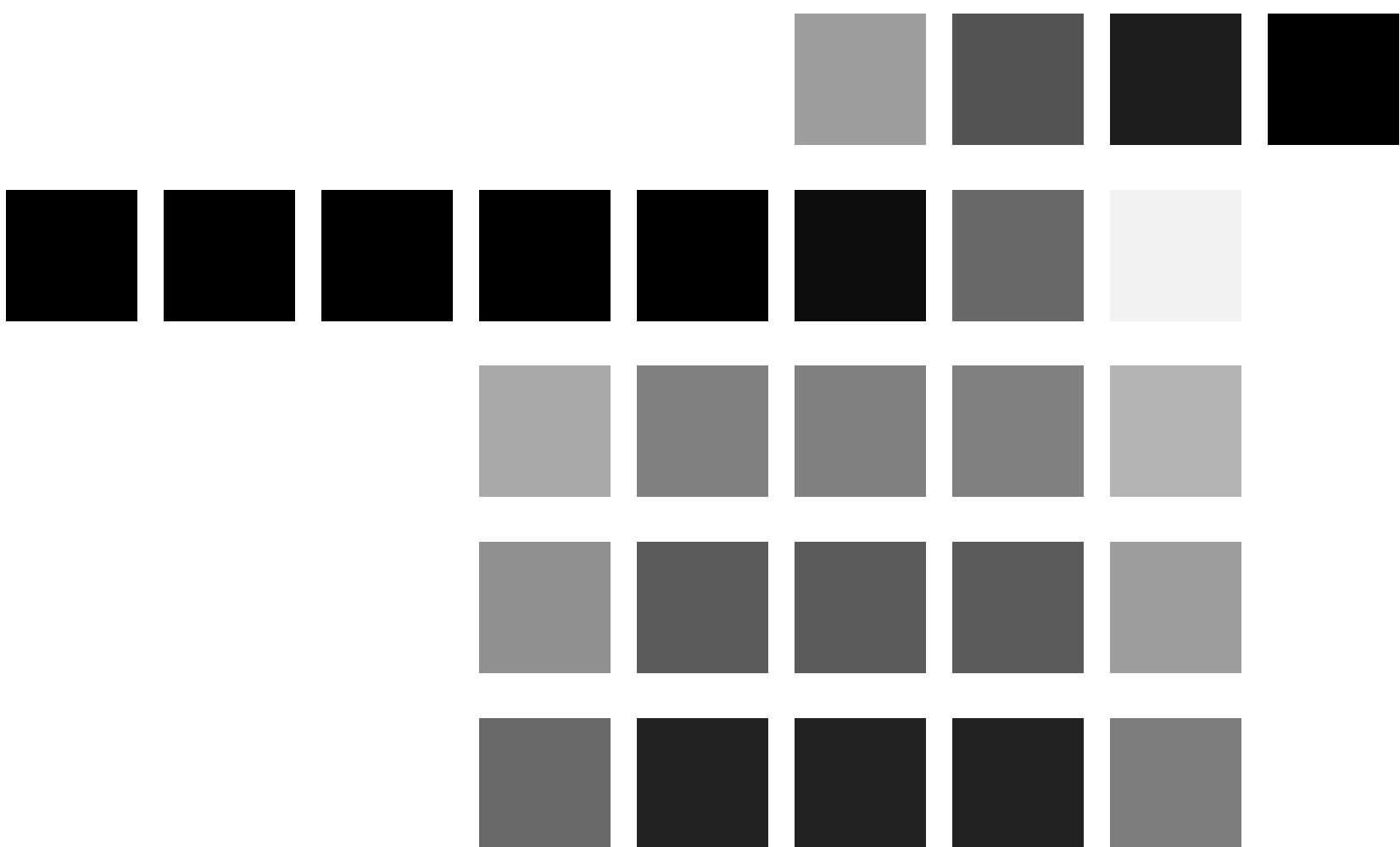


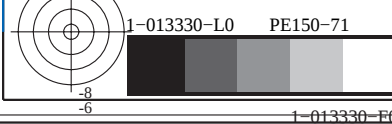
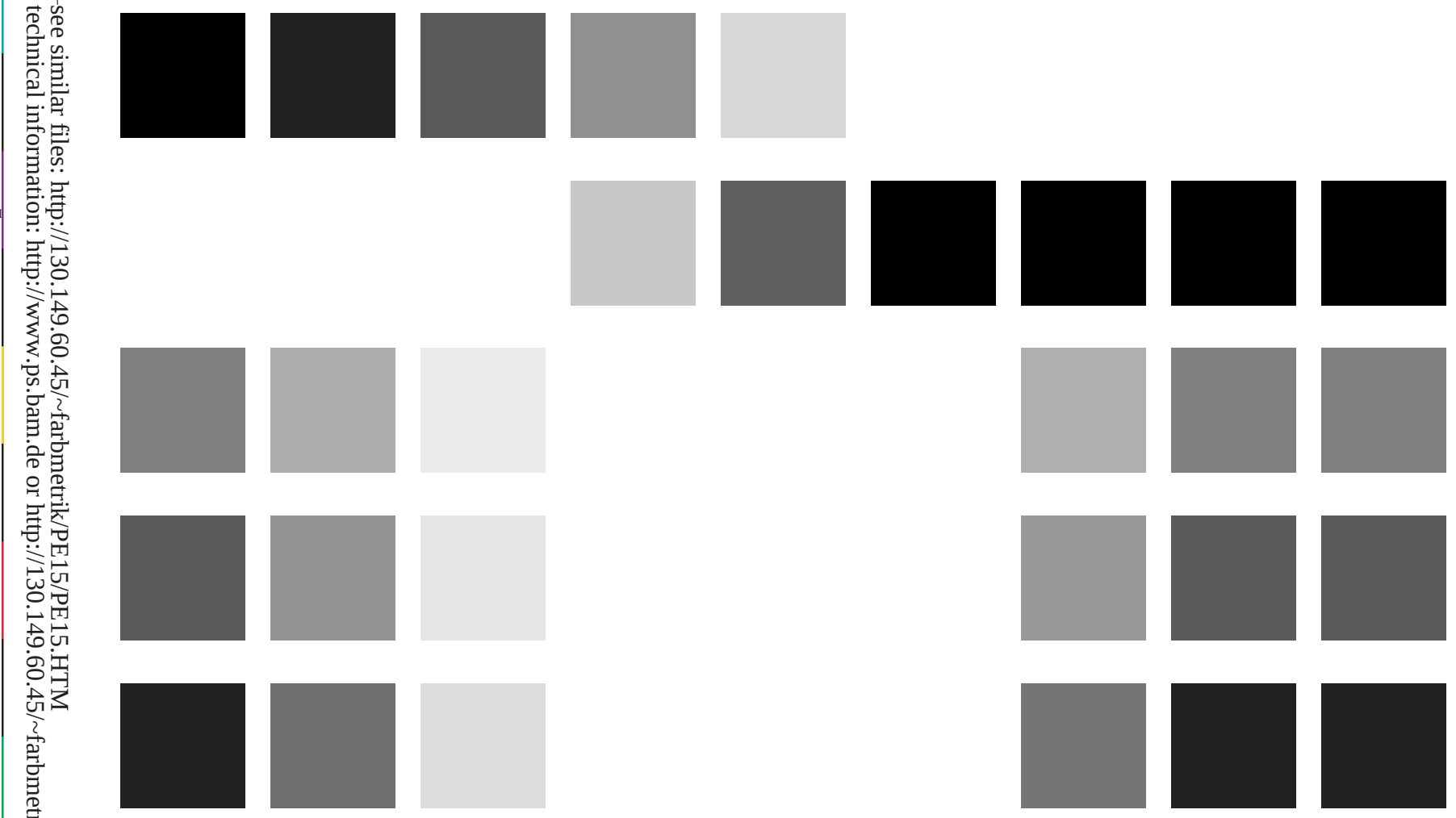
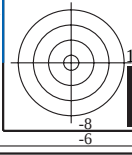
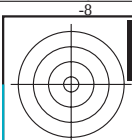
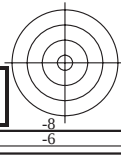
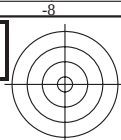
input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmyk_e$

TUB-test chart PE15; colour rendering
54 standard colours, 3D=0, de=1, $cmyk$

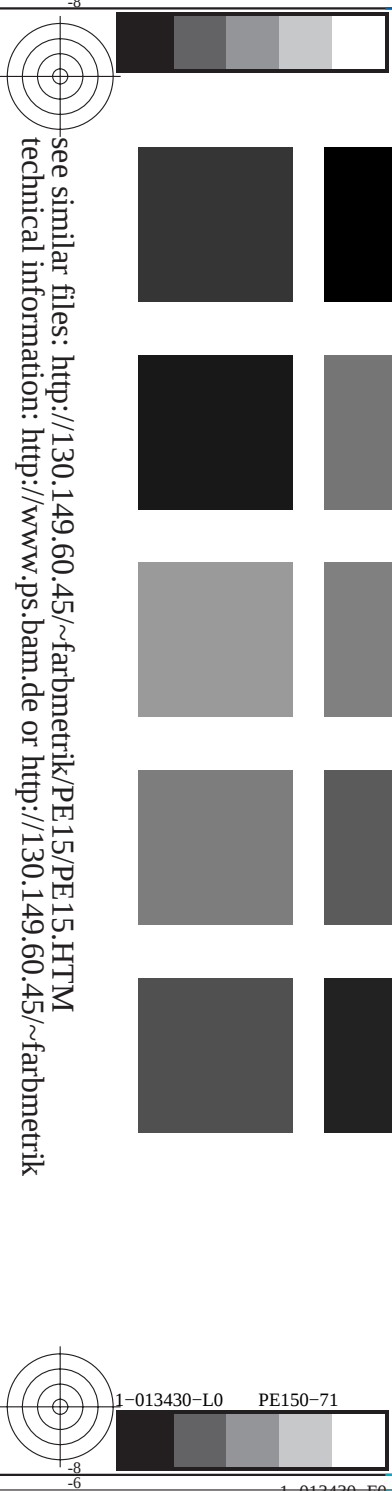


see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

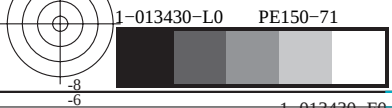
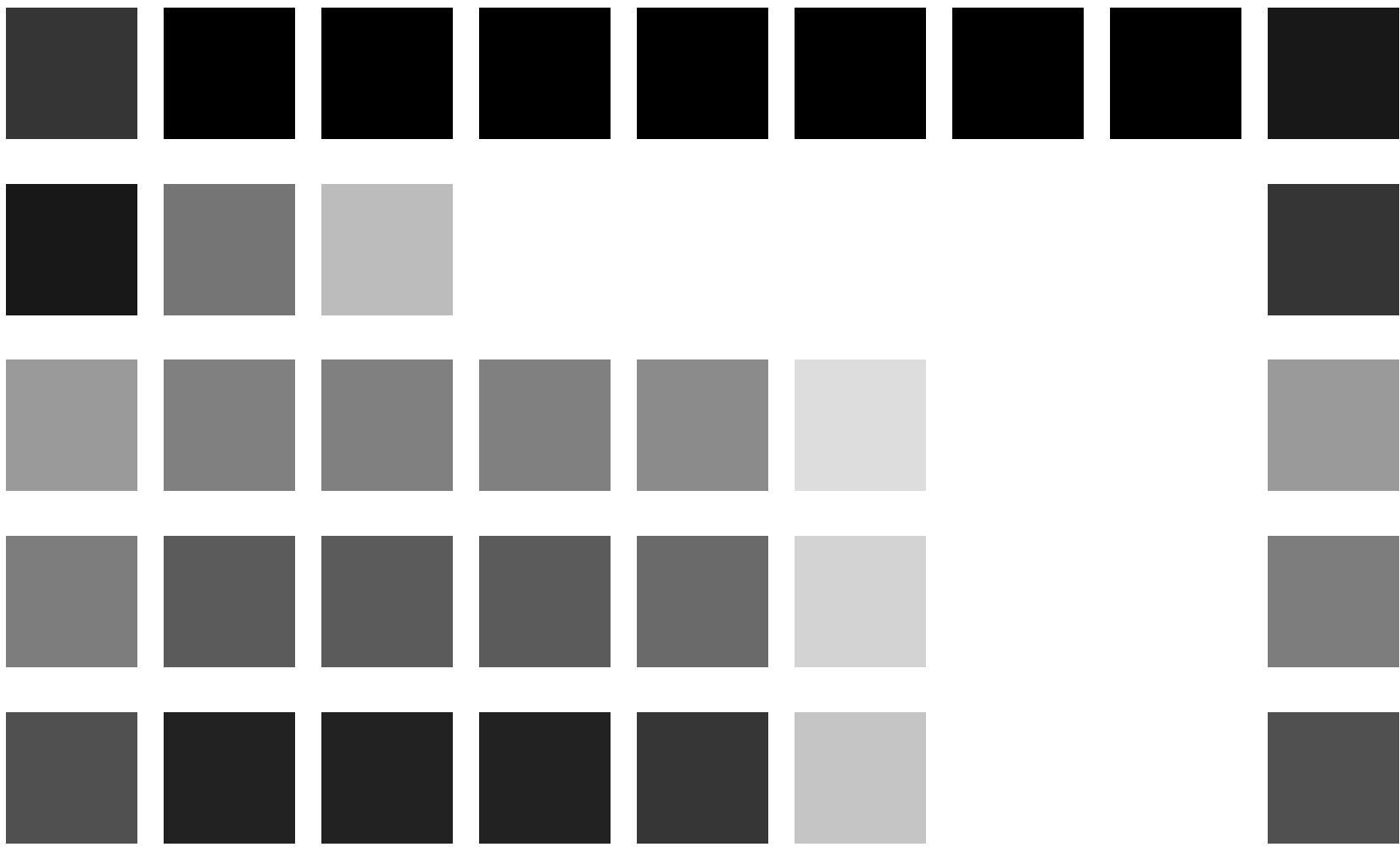




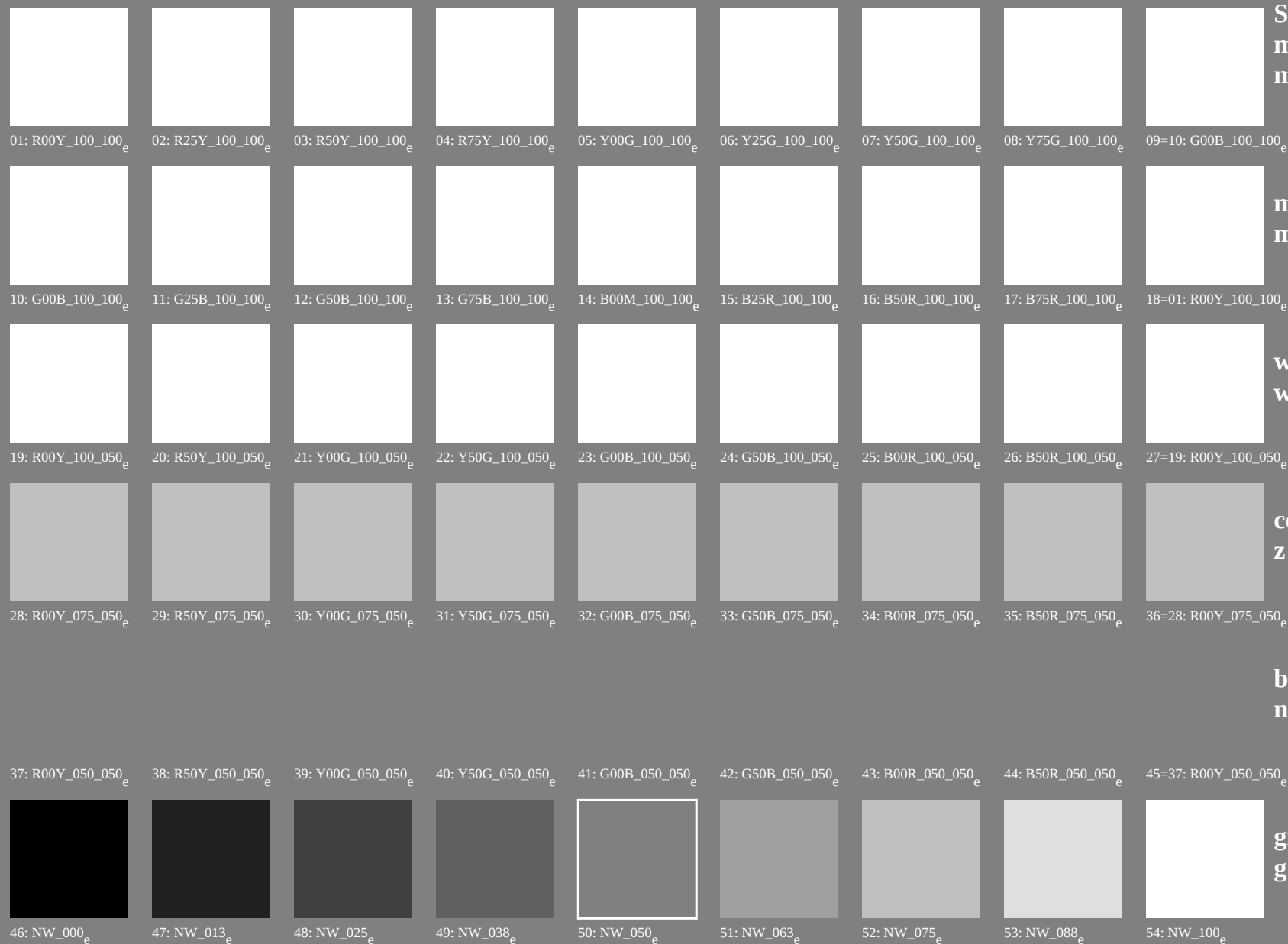
see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.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

see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE15/PE15L0NA.TXT /.PS
application for measurement of offset print output, separation cmyk6 (CMYK)
TUB material: code=rha4ta

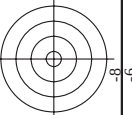
<http://130.149.60.45/~farbmatrik/PE15/PE15L0NA.TXT> /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/22

n/f		H*Ch*Fe	rgb_Fe	icr_Fe	hsa_Fa	rgb_Fe	LabCh*Fe	30.9	71.9	25.4	rgb_Fe	LabCh*Fe	DF*Fe	hsa_Fe	rgb_Fe	LabCh*Fe	30.9	71.9	25.4
0/648	R00Y_100_100	1.0	0.0	0.0	1.0	0.0	0.209	47.6	64.9	30.9	1.0	0.0	0.0	0.0	0.0	0.209	47.6	64.9	30.9
1/657	R13Y_100_100	1.0	0.125	0.0	1.0	0.0	0.007	0.0	47.6	64.9	1.0	0.0	0.0	0.0	0.0	0.007	0.0	47.6	64.9
2/666	R25Y_100_100	1.0	0.25	0.0	1.0	0.0	0.133	0.0	47.6	64.9	1.0	0.133	0.0	0.0	0.0	0.133	0.0	47.6	64.9
3/675	R38Y_100_100	1.0	0.375	0.0	1.0	0.0	0.249	0.0	47.6	64.9	1.0	0.249	0.0	0.0	0.0	0.249	0.0	47.6	64.9
4/684	R50Y_100_100	1.0	0.5	0.0	1.0	0.0	0.349	0.0	47.6	64.9	1.0	0.349	0.0	0.0	0.0	0.349	0.0	47.6	64.9
5/693	R63Y_100_100	1.0	0.625	0.0	1.0	0.0	0.455	0.0	47.6	64.9	1.0	0.455	0.0	0.0	0.0	0.455	0.0	47.6	64.9
6/702	R75Y_100_100	1.0	0.75	0.0	1.0	0.0	0.563	0.0	47.6	64.9	1.0	0.563	0.0	0.0	0.0	0.563	0.0	47.6	64.9
7/711	R88Y_100_100	1.0	0.875	0.0	1.0	0.0	0.675	0.0	47.6	64.9	1.0	0.675	0.0	0.0	0.0	0.675	0.0	47.6	64.9
8/720	Y00C_100_100	1.0	1.0	0.0	1.0	0.0	0.841	0.0	82.9	87.9	1.0	0.841	0.0	0.0	0.0	0.841	0.0	82.9	87.9
9/639	Y13C_100_100	0.875	1.0	0.0	1.0	0.0	0.857	0.0	82.9	87.9	0.875	1.0	0.0	0.0	0.0	0.857	0.0	82.9	87.9
10/658	Y25C_100_100	0.75	1.0	0.0	1.0	0.0	0.769	0.0	76.9	80.1	0.75	1.0	0.0	0.0	0.0	0.769	0.0	76.9	80.1
11/477	Y38C_100_100	0.625	1.0	0.0	1.0	0.0	0.658	0.0	65.8	68.3	0.625	1.0	0.0	0.0	0.0	0.658	0.0	65.8	68.3
12/396	Y50C_100_100	0.5	1.0	0.0	1.0	0.0	0.544	0.0	54.4	56.9	0.5	1.0	0.0	0.0	0.0	0.544	0.0	54.4	56.9
13/315	Y63C_100_100	0.375	1.0	0.0	1.0	0.0	0.425	0.0	42.5	44.9	0.375	1.0	0.0	0.0	0.0	0.425	0.0	42.5	44.9
14/234	Y75C_100_100	0.25	1.0	0.0	1.0	0.0	0.312	0.0	31.2	33.6	0.25	1.0	0.0	0.0	0.0	0.312	0.0	31.2	33.6
15/153	Y88C_100_100	0.125	1.0	0.0	1.0	0.0	0.209	0.0	20.9	23.3	0.125	1.0	0.0	0.0	0.0	0.209	0.0	20.9	23.3
16/72	G00C_100_100	0.0	1.0	0.0	1.0	0.0	0.093	52.4	52.4	70.5	0.0	0.093	52.4	154	154	0.0	0.093	52.4	70.5
17/73	G13C_100_100	0.0	1.0	0.125	1.0	0.0	0.125	52.5	52.5	68.1	0.0	0.125	52.5	161	161	0.0	0.125	52.5	68.1
18/74	G25C_100_100	0.0	1.0	0.25	1.0	0.0	0.25	52.5	52.5	80.1	0.0	0.25	52.5	166	166	0.0	0.25	52.5	80.1
19/75	G38C_100_100	0.0	1.0	0.375	1.0	0.0	0.375	54.1	54.1	87.9	0.0	0.375	54.1	172	172	0.0	0.375	54.1	87.9
20/76	G50C_100_100	0.0	1.0	0.5	1.0	0.0	0.5	54.1	54.1	95.4	0.0	0.5	54.1	177	177	0.0	0.5	54.1	95.4
21/77	G63C_100_100	0.0	1.0	0.625	1.0	0.0	0.625	55.1	55.1	102.9	0.0	0.625	55.1	182	182	0.0	0.625	55.1	102.9
22/78	G75C_100_100	0.0	1.0	0.75	1.0	0.0	0.75	56.7	56.7	110.4	0.0	0.75	56.7	187	187	0.0	0.75	56.7	110.4
23/79	G88C_100_100	0.0	1.0	0.875	1.0	0.0	0.875	56.1	56.1	117.9	0.0	0.875	56.1	191	191	0.0	0.875	56.1	117.9
24/80	C00B_100_100	0.0	1.0	1.0	0.0	0.5	0.1	56.6	56.6	124.4	0.0	0.1	56.6	195	195	0.0	0.1	56.6	124.4
25/71	C13B_100_100	0.0	0.875	1.0	1.0	0.0	0.1	56.6	56.6	131.9	0.0	0.1	56.6	200	200	0.0	0.1	56.6	131.9
26/62	C25B_100_100	0.0	0.75	1.0	1.0	0.0	0.1	56.6	56.6	139.4	0.0	0.1	56.6	205	205	0.0	0.1	56.6	139.4
27/63	C38B_100_100	0.0	0.625	1.0	1.0	0.0	0.1	56.6	56.6	146.9	0.0	0.1	56.6	210	210	0.0	0.1	56.6	146.9
28/44	C50B_100_100	0.0	0.5	1.0	1.0	0.0	0.1	56.6	56.6	154.4	0.0	0.1	56.6	215	215	0.0	0.1	56.6	154.4
29/35	C63B_100_100	0.0	0.375	1.0	1.0	0.0	0.1	56.6	56.6	161.9	0.0	0.1	56.6	220	220	0.0	0.1	56.6	161.9
30/26	C75B_100_100	0.0	0.25	1.0	1.0	0.0	0.1	56.6	56.6	169.4	0.0	0.1	56.6	225	225	0.0	0.1	56.6	169.4
31/17	C88B_100_100	0.0	0.125	1.0	1.0	0.0	0.1	56.6	56.6	176.9	0.0	0.1	56.6	230	230	0.0	0.1	56.6	176.9
32/8	B00M_100_100	0.0	0.0	1.0	1.0	0.0	0.0	37.9	1.3	45.4	0.0	0.0	37.9	248	248	0.0	0.0	37.9	1.3
33/89	B13M_100_100	0.125	0.0	1.0	1.0	0.0	0.093	37.9	1.3	45.4	0.0	0.093	37.9	253	253	0.0	0.093	37.9	1.3
34/170	B25M_100_100	0.25	0.0	1.0	1.0	0.0	0.209	37.9	1.3	45.4	0.0	0.209	37.9	258	258	0.0	0.209	37.9	1.3
35/251	B38M_100_100	0.375	0.0	1.0	1.0	0.0	0.349	37.9	1.3	45.4	0.0	0.349	37.9	263	263	0.0	0.349	37.9	1.3
36/332	B50M_100_100	0.5	0.0	1.0	1.0	0.0	0.455	37.9	1.3	45.4	0.0	0.455	37.9	268	268	0.0	0.455	37.9	1.3
37/413	B63M_100_100	0.625	0.0	1.0	1.0	0.0	0.563	37.9	1.3	45.4	0.0	0.563	37.9	273	273	0.0	0.563	37.9	1.3
38/494	B75M_100_100	0.75	0.0	1.0	1.0	0.0	0.675	37.9	1.3	45.4	0.0	0.675	37.9	278	278	0.0	0.675	37.9	1.3
39/575	B88M_100_100	0.875	0.0	1.0	1.0	0.0	0.875	37.9	1.3	45.4	0.0	0.875	37.9	283	283	0.0	0.875	37.9	1.3
40/656	M00R_100_100	1.0	0.0	1.0	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	293	293	1.0	0.0	34.8	49.2
41/655	M13R_100_100	1.0	0.0	0.875	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	298	298	1.0	0.0	34.8	49.2
42/654	M25R_100_100	1.0	0.0	0.75	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	303	303	1.0	0.0	34.8	49.2
43/653	M38R_100_100	1.0	0.0	0.625	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	308	308	1.0	0.0	34.8	49.2
44/652	M50R_100_100	1.0	0.0	0.5	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	313	313	1.0	0.0	34.8	49.2
45/651	M63R_100_100	1.0	0.0	0.375	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	318	318	1.0	0.0	34.8	49.2
46/650	M75R_100_100	1.0	0.0	0.25	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	323	323	1.0	0.0	34.8	49.2
47/649	M88R_100_100	1.0	0.0	0.125	1.0	0.0	0.0	34.8	49.2	30.9	1.0	0.0	34.8	328	328	1.0	0.0	34.8	49.2
48/648	R00Y_100_100	1.0	0.0	0.0	1.0	0.0	0.0	47.6	64.9	30.9	1.0	0.0	47.6	378	378	1.0	0.0	47.6	64.9
49/0	NW_000	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	17.7	360	360	0.0	0.0	17.7	0.0
50/91	NW_012	0.125	0.0	0.0	0.0	0.0	0.125	17.7	0.0	0.0	0.0	0.125	17.7	360	360	0.0	0.0	17.7	0.0
51/182	NW_025	0.25	0.0	0.0	0.0	0.0	0.25	17.7	0.0	0.0	0.0	0.25	17.7	360	360	0.0	0.0	17.7	0.0
52/273	NW_038	0.375	0.0	0.0	0.0	0.0	0.375	17.7	0.0	0.0	0.0	0.375	17.7	360	360	0.0	0.0	17.7	0.0
53/364	NW_050	0.5	0.0	0.0	0.0	0.0	0.5	17.7	0.0	0.0	0.0	0.5	17.7	360	360	0.0	0.0	17.7	0.0
54/455	NW_063	0.625	0.0	0.0	0.0	0.0	0.625	17.7	0.0	0.0	0.0	0.625	17.7	360	360	0.0	0.0	17.7	0.0
55/546	NW_075	0.75	0.0	0.0	0.0	0.0	0.75	17.7	0.0	0.0	0.0	0.75	17.7	360	360	0.0	0.0	17.7	0.0
56/637	NW_088	0.875	0.0	0.0	0.0	0.0	0.875	17.7	0.0	0.0	0.0	0.875	17.7	360	360	0.0	0.0	17.7	0.0
57/728	NW_100	1.0	0.0	0.0	0.0	0.0	1.0	17.7	0.0	0.0	0.0	1.0	17.7	360	360	0.0	0.0	17.7	0.0

Mean color difference of this page:
delta E* = 17.3

TUB-test chart PE15; colour rendering
colors and differences, ΔE^* , 3D=0, de=1, cmyk

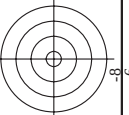
input: *rgb/cmyk* -> *rgb*
output: transfer to *cmyk*



TUB material: code=rha4ta
nyn6 (CMYK)

Colors and differences, ΔE^* , $3D=0$, $de=1$, cmyk

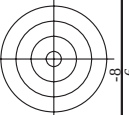
[illegible]



TUB material: code=rha4ta
myn6 (CMYK)

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

[illegible]



TUB material: code=rha4ta
nyn6 (CMYK)

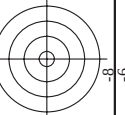
colors and differences, ΔE^* , 3D=0, de=1, cmyk

PE150-7N, Page 10/22-F

colors and differences, ΔE^* , 3D=0, de=1, cmyk

output: transfer to *cmyk*_e

[illegible]



TUB material: code=rha4ta
myn6 (CMYK)

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

DE 150-7N Page 12/22-E



TUB material: code=rha4ta
myn6 (CMYK)

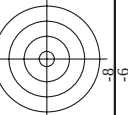
input: *rgb/cmyk* → *rgbe*
output: transfer to *cmyk_e*

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[illegible]

Mean color difference of this page:

0.5T
1.0T
1.5T
2.0T



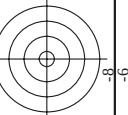
TUB material: code=rha4ta
nyn6 (CMYK)

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

TUB-test chart PE15; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmyk

[illegible]

n	H1C*Fe	rgb-Fe	icL-Fe	hsa-Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe
486	R00Y, 075, 075*	0.75	0.0	0.125	0.75	0.0	0.157	40.1	48.7	23.2	53.9	25.4
487	R35Y, 075, 075*	0.75	0.0	0.321	0.75	0.0	0.321	40.2	54.0	23.2	53.9	25.4
488	R10Y, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
489	R00Y, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
490	B65R, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
491	B57R, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
492	B40R, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
493	B40R, 075, 075*	0.75	0.0	0.75	0.75	0.0	0.75	39.9	52.6	23.2	53.9	25.4
494	B38R, 100, 100*	0.75	0.0	0.5	0.75	0.0	0.5	31.6	31.6	0.0	0.0	0.0
495	R15Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
496	R00Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
497	R00Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
498	R11Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
499	B60R, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
500	B59R, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
501	B59R, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
502	B42R, 087, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
503	B36R, 100, 100*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
504	R11Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
505	R11Y, 075, 075*	0.75	0.125	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
506	R26Y, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
507	R26Y, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
508	R01R, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
509	R01R, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
510	B30R, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
511	B30R, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
512	B30R, 075, 090*	0.75	0.25	0.0	0.75	0.033	0.0	40.9	45.5	32.5	55.9	35.3
513	B30Y, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
514	R8Y, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
515	R23Y, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
516	R23Y, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
517	R18Y, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
518	B65R, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
519	B59R, 075, 075*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
520	B38R, 087, 050*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
521	B30R, 100, 062*	0.75	0.375	0.0	0.75	0.268	0.125	51.7	27.1	23.6	35.9	41.1
522	R8Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
523	R01Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
524	R01Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
525	R31Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
526	R01Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
527	R01Y, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
528	B50R, 075, 075*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
529	B34R, 087, 037*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
530	B23R, 100, 050*	0.75	0.5	0.0	0.75	0.375	0.0	54.7	17.2	50.5	53.4	71.1
531	R8Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
532	R8Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
533	R11Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
534	R6Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
535	R01Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
536	R01Y, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
537	B50R, 075, 075*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
538	B15R, 100, 037*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
539	B15R, 100, 037*	0.75	0.625	0.0	0.75	0.476	0.0	59.9	7.7	57.5	58.0	82.2
540	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
541	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
542	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
543	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
544	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
545	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
546	Y00G, 075, 075*	0.75	0.75	0.0	0.75	0.625	0.0	66.6	6.6	66.6	66.6	66.6
547	B00R, 087, 012*	0.75	0.75	0.0	0.75	0.796	0.875	78.5	0.1	5.6	5.6	27.1
548	B00R, 087, 012*	0.75	0.75	0.0	0.75	0.796	0.875	78.5	0.1	5.6	5.6	27.1
549	Y13C, 087, 075*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
550	Y18C, 087, 075*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
551	Y18C, 087, 075*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
552	Y23C, 087, 075*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
553	Y31G, 087, 075*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
554	Y50C, 087, 025*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
555	G00B, 087, 012*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
556	G00B, 087, 012*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
557	G73B, 100, 025*	0.75	0.75	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
558	Y23C, 100, 100*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
559	Y26C, 100, 087*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
560	Y31G, 100, 075*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
561	Y38C, 100, 062*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
562	Y50C, 100, 050*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
563	Y68C, 100, 037*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
564	G00B, 100, 025*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
565	G25B, 100, 025*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0
566	G50B, 100, 025*	0.75	1.0	0.0	0.75	0.875	0.0	81.0	81.0	0.0	0.0	0.0



TUB material: code=rha4ta
nyn6 (CMYK)

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

TTUB-test chart PE15; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmYk

n	HIC ^{Fe}	rgb^{Fe}	lcr^{Fe}	h_{α}^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	rgb^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$	DE^{Fe}	h_{α}^{Fe}	rgb^{Fe}	rgb^{Fe}	$LabCh^{Fe}$	$LabCh^{Fe}$																	
567	R00Y_087_087e	0.875	0.0	0.875	0.875	0.437	390	0.875	0.0	0.183	56.8	43.9	56.8	62.9	25.4	0.875	0.0	44.5	58.8	36.5	66.2	31.8	9.7	378	1.0	0.0	0.209	476	64.9	30.9	71.9	25.4		
568	R36Y_087_087e	0.875	0.0	0.875	0.875	0.437	382	0.875	0.0	0.356	44.0	58.3	44.0	60.8	16.5	0.875	0.0	0.125	44.6	59.5	66.9	69.2	31.8	9.7	378	1.0	0.0	0.407	476	66.6	19.8	69.5	16.5	
569	R23Y_087_087e	0.875	0.0	0.875	0.875	0.437	374	0.875	0.0	0.513	44.1	62.4	40.0	60.2	7.6	0.875	0.0	0.25	44.8	60.2	64.9	71.9	25.4	9.7	378	1.0	0.0	0.586	478	68.6	9.2	69.2	7.6	
570	R00Y_087_087e	0.875	0.0	0.875	0.875	0.437	365	0.875	0.0	0.734	44.4	62.4	40.0	60.2	4.5	0.875	0.0	0.375	44.9	61.7	65.9	71.9	25.4	9.7	378	1.0	0.0	0.838	482	71.3	2.9	71.4	357.6	
571	B70R_087_087e	0.875	0.0	0.875	0.875	0.437	355	0.839	0.0	0.875	43.7	62.7	-8.4	63.3	352.3	0.875	0.0	0.5	45.1	63.5	67.6	71.9	25.4	9.7	378	1.0	0.0	0.958	480	71.7	-9.6	72.4	352.3	
572	B63R_087_087e	0.875	0.0	0.875	0.875	0.437	346	0.606	0.0	0.875	39.1	54.9	-15.9	57.2	343.7	0.875	0.0	0.625	45.3	64.8	67.6	71.9	25.4	9.7	378	1.0	0.0	0.958	480	71.7	-9.6	72.4	352.3	
573	B56R_087_087e	0.875	0.0	0.875	0.875	0.437	338	0.481	0.0	0.875	36.4	48.8	-21.1	53.4	336.1	0.875	0.0	0.75	45.4	66.2	-4.4	66.3	356.1	25.9	30.3	0.549	0.0	1.0	39.1	55.8	-24.6	61.0	336.1	
574	B50R_087_087e	0.875	0.0	0.875	0.875	0.437	330	0.356	0.0	0.875	32.7	43.1	-26.3	50.5	328.6	0.875	0.0	0.875	45.5	67.6	-8.9	68.2	356.2	32.6	29.3	0.407	0.0	1.0	34.8	49.2	-20.0	57.7	328.6	
575	B44R_100_100e	0.875	0.0	1.0	0.5	0.5	323	0.332	0.0	1.0	33.0	43.9	-37.1	55.7	321.9	0.875	0.0	1.0	45.9	69.4	-11.9	70.5	350.2	36.3	28.9	0.332	0.0	1.0	33.0	43.9	-34.3	55.7	321.9	
576	R13Y_087_087e	0.875	0.0	0.875	0.875	0.437	38	0.875	0.022	0.0	44.3	54.3	37.1	65.8	34.3	0.875	0.0	1.0	49.5	79.9	41.9	63.7	350.2	36.3	28.9	0.332	0.0	1.0	48.1	62.0	42.4	75.2	34.3	
577	R00Y_087_075e	0.875	0.125	0.875	0.875	0.437	380	0.875	0.125	0.282	49.8	48.8	48.8	50.2	53.9	25.4	0.875	0.125	0.125	49.7	48.8	35.1	59.7	36.0	11.9	378	1.0	0.0	0.209	476	64.9	30.9	71.9	25.4
578	R35Y_087_075e	0.875	0.125	0.875	0.875	0.437	381	0.875	0.125	0.486	49.9	50.2	50.2	52.0	53.9	25.4	0.875	0.125	0.125	50.0	48.9	28.0	56.4	29.7	14.1	364	1.0	0.0	0.428	477	66.9	18.5	69.4	15.4
579	R18Y_087_075e	0.875																																

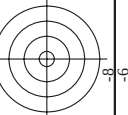
see similar files: <http://130.149.60.45/~farbmatrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PE15/PE15L0NA.TXT /PS; transfer output

TUB-test chart PE15; colour rendering colors and differences. ΔE^* , 3D=0, de=1, cmvk

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

[illegible]



TUB material: code=rha4ta
nyn6 (CMYK)

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

<i>n</i>	HIC ^{Fe}	<i>rgb^{Fe}</i>	<i>lcr^{Fe}</i>	<i>h₉₈^{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>rgb^{Fe}</i>	<i>DE^{Fe}</i>	<i>h₅₀^{Fe}</i>	<i>rgb^{Fe}</i>	<i>LabCh^{Fe}</i>	<i>LabCh^{Fe}</i>
881	NW_100k	1.0	1.0	360	0.0	95.4	0.0	0.0	0.0	139.6	1.0	95.4	0.0
882	B50R_100_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
883	B50R_100_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
884	B50R_100_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
885	B50R_100_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
886	B50R_100_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
887	B50R_100_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
888	B50R_100_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
889	B50R_100_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
890	B50R_100_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
891	NW_087e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
892	B50R_087_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
893	B50R_087_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
894	B50R_087_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
895	B50R_087_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
896	B50R_087_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
897	B50R_087_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
898	B50R_087_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
899	B50R_087_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
900	B50R_087_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
901	NW_087e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
902	B50R_087_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
903	B50R_087_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
904	B50R_087_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
905	B50R_087_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
906	B50R_087_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
907	B50R_087_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
908	B50R_087_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
909	B50R_087_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
910	B50R_087_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
911	NW_087e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
912	B50R_087_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
913	B50R_087_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
914	B50R_087_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
915	B50R_087_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
916	B50R_087_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
917	B50R_087_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
918	B50R_087_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
919	B50R_087_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
920	NW_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
921	B50R_062_012e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
922	B50R_062_025e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
923	B50R_062_037e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
924	B50R_062_050e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
925	B50R_062_062e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
926	B50R_062_075e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
927	B50R_062_087e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
928	B50R_062_100e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
929	B50R_062_012e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
930	B50R_062_025e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
931	NW_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
932	B50R_050_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
933	B50R_050_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
934	B50R_050_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
935	B50R_050_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
936	B50R_050_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
937	B50R_050_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
938	B50R_050_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
939	B50R_050_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
940	NW_047e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
941	B50R_047_012e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
942	B50R_047_025e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
943	B50R_047_037e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
944	B50R_047_050e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
945	B50R_047_062e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
946	B50R_047_075e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
947	B50R_047_087e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
948	B50R_047_100e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
949	B50R_047_012e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
950	B50R_047_025e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
951	NW_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
952	B50R_025_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
953	B50R_025_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
954	B50R_025_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
955	B50R_025_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
956	B50R_025_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
957	B50R_025_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
958	B50R_025_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
959	B50R_025_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
960	B50R_025_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
961	NW_012e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
962	B50R_012_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
963	B50R_012_025e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
964	B50R_012_037e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
965	B50R_012_050e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
966	B50R_012_062e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
967	B50R_012_075e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
968	B50R_012_087e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
969	B50R_012_100e	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2
970	B50R_012_012e	1.0	0.875	1.0	0.0	87.9	6.1	-1.9	6.4	342.7	3.4	348	49.2
971	NW_100k	1.0	0.875	1.0	0.0	80.3	12.3	-3.7	7.2	328.6	1.0	348	49.2

<http://130.149.60.45/~farbmatrik/PE15/PE15L0NA.TXT> /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 21/22

n	HC*Fe	rgb*Fe	icL*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	1.0

PE150-7N, Page 21/22-F

TUB-test chart PE15; colour rendering
colors and differences, ΔE^* , 3D=0, de=1, cmyk

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

Mean color difference of this page:

$\Delta E^* = 5.5$

TUB registration: 20130201-PE15/PE15L0NA.TXT /.PS
application for measurement of offset print output, separation cmyn6 (CMYK)

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmatrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

<http://130.149.60.45/~farbmatrik/PE15/PE15L0NA.TXT /.PS>; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/22

n	HC*Fe	rgb*Fe	ic*Fe	hsa_Fa	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	DE*Fe	hsa_Fe	rgb*Fe	LabCh*Fe
1053	NW_086a	0.866 0.866 0.866	0.866 0.866 0.866	360	0.866 0.866 0.866	85.0 0.0 0.0	89.4 -0.1 0.0	0.866 0.866 0.866	204.5 4.4 360	360	0.866 0.866 0.866	95.4 0.0 0.0
1054	NW_093a	0.933 0.933 0.933	0.933 0.933 0.933	360	0.933 0.933 0.933	90.2 0.0 0.0	92.2 0.0 0.0	0.933 0.933 0.933	177.8 1.9 360	360	0.933 0.933 0.933	95.4 0.0 0.0
1055	NW_100a	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	61.5 0.0 360	360	1.0 1.0 1.0	95.4 0.0 0.0
1056	NW_000a	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	17.7 0.0 0.0	18.7 0.0 0.1	0.0 0.0 0.0	96.3 1.0 360	360	0.0 0.0 0.0	95.4 0.0 0.0
1057	NW_006a	0.066 0.066 0.066	0.066 0.066 0.066	360	0.066 0.066 0.066	22.8 0.0 0.0	22.3 -0.1 0.0	0.066 0.066 0.066	151.6 0.5 360	360	0.066 0.066 0.066	95.4 0.0 0.0
1058	NW_013a	0.133 0.133 0.133	0.133 0.133 0.133	360	0.133 0.133 0.133	33.2 0.0 0.0	30.4 -0.2 -0.5	0.133 0.133 0.133	242.3 2.4 360	360	0.133 0.133 0.133	95.4 0.0 0.0
1059	NW_020a	0.2 0.2 0.2	0.2 0.2 0.2	360	0.2 0.2 0.2	33.2 0.0 0.0	30.4 -0.2 -0.5	0.2 0.2 0.2	243.3 5.7 360	360	0.2 0.2 0.2	95.4 0.0 0.0
1060	NW_026a	0.266 0.266 0.266	0.266 0.266 0.266	360	0.266 0.266 0.266	38.3 0.0 0.0	35.9 -0.4 -0.7	0.266 0.266 0.266	240.2 7.2 360	360	0.266 0.266 0.266	95.4 0.0 0.0
1061	NW_033a	0.333 0.333 0.333	0.333 0.333 0.333	360	0.333 0.333 0.333	43.6 0.0 0.0	40.4 -0.4 -0.6	0.333 0.333 0.333	235.4 8.6 360	360	0.333 0.333 0.333	95.4 0.0 0.0
1062	NW_040a	0.4 0.4 0.4	0.4 0.4 0.4	360	0.4 0.4 0.4	48.8 0.0 0.0	45.3 -0.4 -0.6	0.4 0.4 0.4	234.3 8.6 360	360	0.4 0.4 0.4	95.4 0.0 0.0
1063	NW_046a	0.466 0.466 0.466	0.466 0.466 0.466	360	0.466 0.466 0.466	53.9 0.0 0.0	51.9 -0.3 -0.5	0.466 0.466 0.466	235.2 7.8 360	360	0.466 0.466 0.466	95.4 0.0 0.0
1064	NW_053a	0.533 0.533 0.533	0.533 0.533 0.533	360	0.533 0.533 0.533	59.1 0.0 0.0	57.0 -0.3 -0.5	0.533 0.533 0.533	231.6 7.7 360	360	0.533 0.533 0.533	95.4 0.0 0.0
1065	NW_060a	0.6 0.6 0.6	0.6 0.6 0.6	360	0.6 0.6 0.6	64.3 0.0 0.0	61.7 -0.3 -0.4	0.6 0.6 0.6	233.5 7.3 360	360	0.6 0.6 0.6	95.4 0.0 0.0
1066	NW_066a	0.666 0.666 0.666	0.666 0.666 0.666	360	0.666 0.666 0.666	69.5 0.0 0.0	67.0 -0.2 -0.3	0.666 0.666 0.666	225.3 6.1 360	360	0.666 0.666 0.666	95.4 0.0 0.0
1067	NW_073a	0.734 0.734 0.734	0.734 0.734 0.734	360	0.734 0.734 0.734	74.7 0.0 0.0	72.1 -0.2 -0.3	0.734 0.734 0.734	221.2 4.9 360	360	0.734 0.734 0.734	95.4 0.0 0.0
1068	NW_080a	0.8 0.8 0.8	0.8 0.8 0.8	360	0.8 0.8 0.8	79.9 0.0 0.0	77.3 -0.2 -0.1	0.8 0.8 0.8	220.3 4.3 360	360	0.8 0.8 0.8	95.4 0.0 0.0
1069	NW_086a	0.866 0.866 0.866	0.866 0.866 0.866	360	0.866 0.866 0.866	85.0 0.0 0.0	82.3 -0.1 0.0	0.866 0.866 0.866	125.8 2.0 360	360	0.866 0.866 0.866	95.4 0.0 0.0
1070	NW_093a	0.933 0.933 0.933	0.933 0.933 0.933	360	0.933 0.933 0.933	90.2 0.0 0.0	92.2 0.0 0.0	0.933 0.933 0.933	92.4 0.0 360	360	0.933 0.933 0.933	95.4 0.0 0.0
1071	NW_100a	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	78.4 2.3 360	360	1.0 1.0 1.0	95.4 0.0 0.0
1072	NW_000a	0.0 0.0 0.0	0.0 0.0 0.0	360	0.0 0.0 0.0	17.7 0.0 0.0	18.7 0.0 0.1	0.0 0.0 0.0	92.4 0.0 360	360	0.0 0.0 0.0	95.4 0.0 0.0
1073	ROXY_100_100e	1.0 1.0 1.0	1.0 1.0 1.0	360	1.0 1.0 1.0	95.4 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	75.2 0.1 360	360	1.0 1.0 1.0	95.4 0.0 0.0
1074	G50B_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	360	0.0 1.0 0.0	47.6 0.0 0.0	45.4 -0.1 0.1	0.0 1.0 0.0	53.6 23.9 19.1	195	0.0 1.0 0.0	95.4 0.0 0.0
1075	Y06B_100_100e	0.0 1.0 0.0	0.0 1.0 0.0	360	0.0 1.0 0.0	56.6 0.0 0.0	54.4 -0.1 0.1	0.0 1.0 0.0	96.5 11.7 81	81	0.0 0.841 0.0	95.4 0.0 0.0
1076	B06B_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	52.9 0.0 0.0	50.7 -0.1 0.1	0.0 0.0 1.0	98.2 29.0 25.4	248	0.0 0.374 0.0	95.4 0.0 0.0
1077	B00B_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	52.9 0.0 0.0	50.7 -0.1 0.1	0.0 0.0 1.0	98.2 29.0 25.4	248	0.0 0.374 0.0	95.4 0.0 0.0
1078	B00B_100_100e	0.0 0.0 1.0	0.0 0.0 1.0	360	0.0 0.0 1.0	52.9 0.0 0.0	50.7 -0.1 0.1	0.0 0.0 1.0	98.2 29.0 25.4	248	0.0 0.374 0.0	95.4 0.0 0.0
1079	B50B_100_100e	1.0 0.0 0.0	1.0 0.0 0.0	360	1.0 0.0 0.0	34.8 0.0 0.0	32.6 -0.2 0.0	1.0 0.0 0.0	357.5 38.7 293	293	0.407 0.0 0.0	95.4 0.0 0.0

Mean color difference of this page:

delta E* = 7.6

PE150-7N, Page 22/22 -F

TUB-test chart PE15; colour rendering
colors and differences, ΔE^* , 3D=0, de=1, cmyk

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