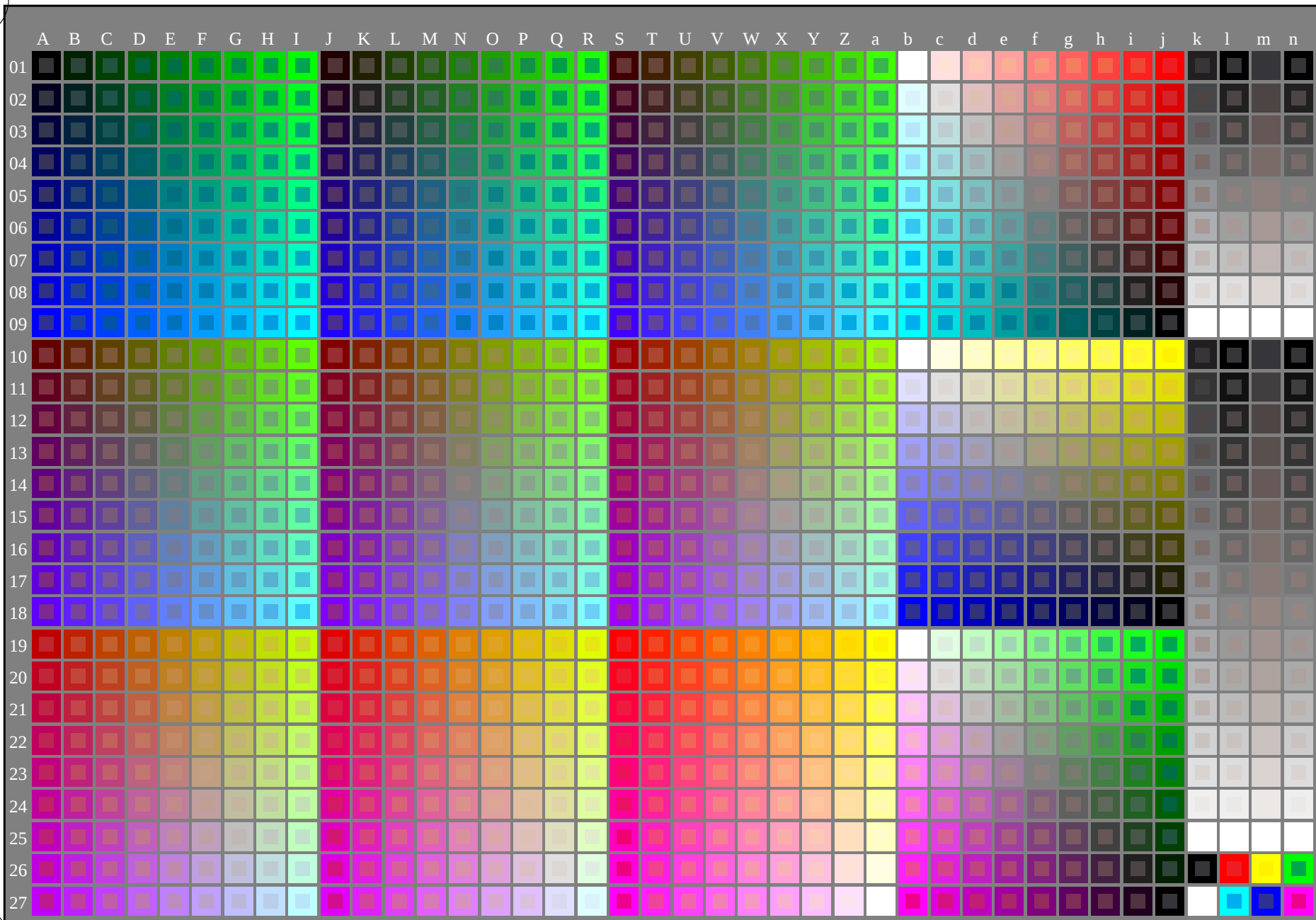


see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0FP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta



1-103031-L0

PE470-7N

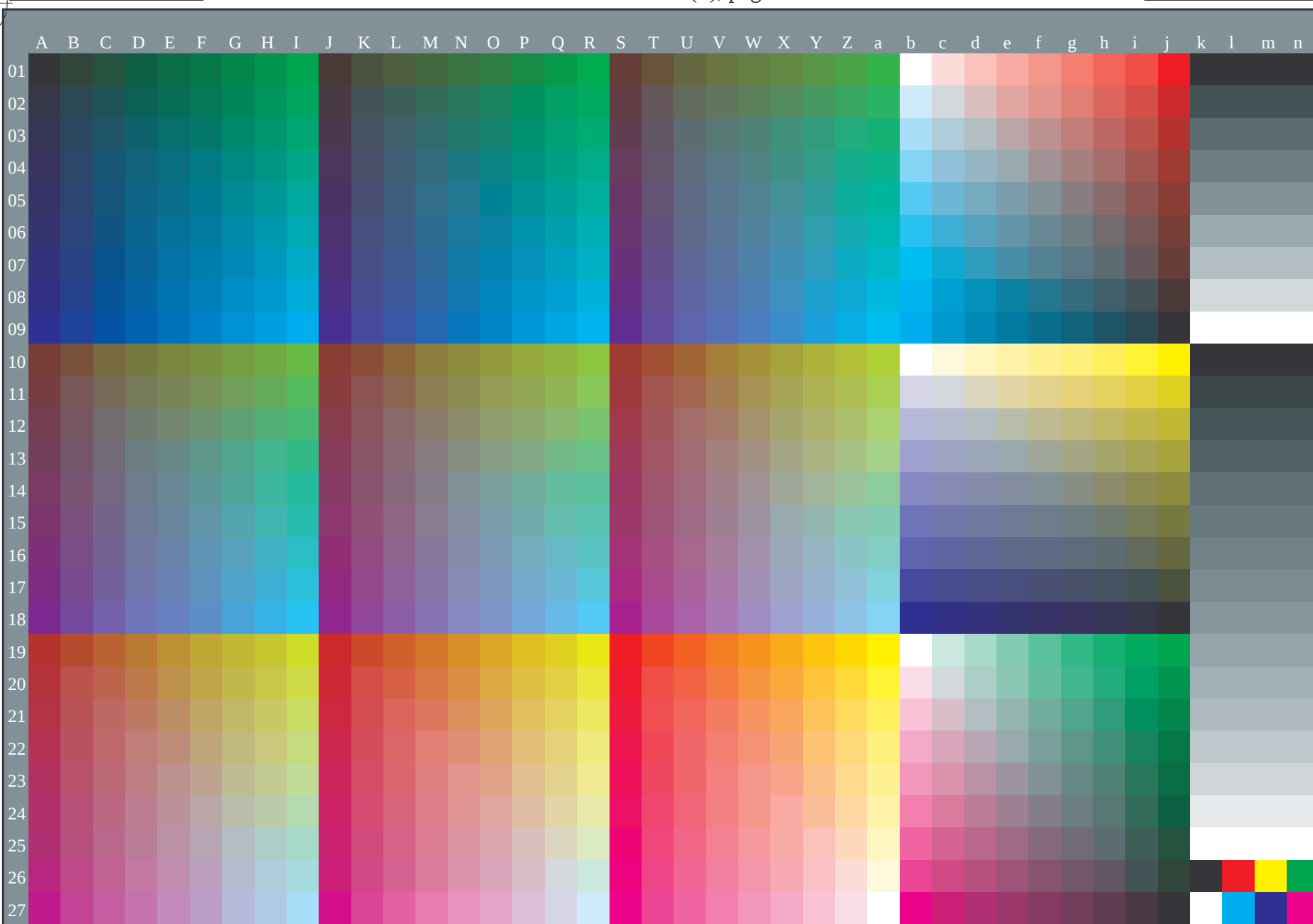
Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n): **rgb** (A_j+k26_n27), 000n (k), w (l), nnn0 (m), www (n) + **cmY0**(all)

TUB-test chart PE47; standard test chart
1080 standard colours; image technology

input: *rgb/cmyk* -> *rgb/cmyk*
output: no change

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation $cmY0^*$ (CMY0)



1-103131-L0

PE470-72

TUB-test chart PE47; standard test chart
1080 standard colours, 3D=1, de=0, $cmY0^*$

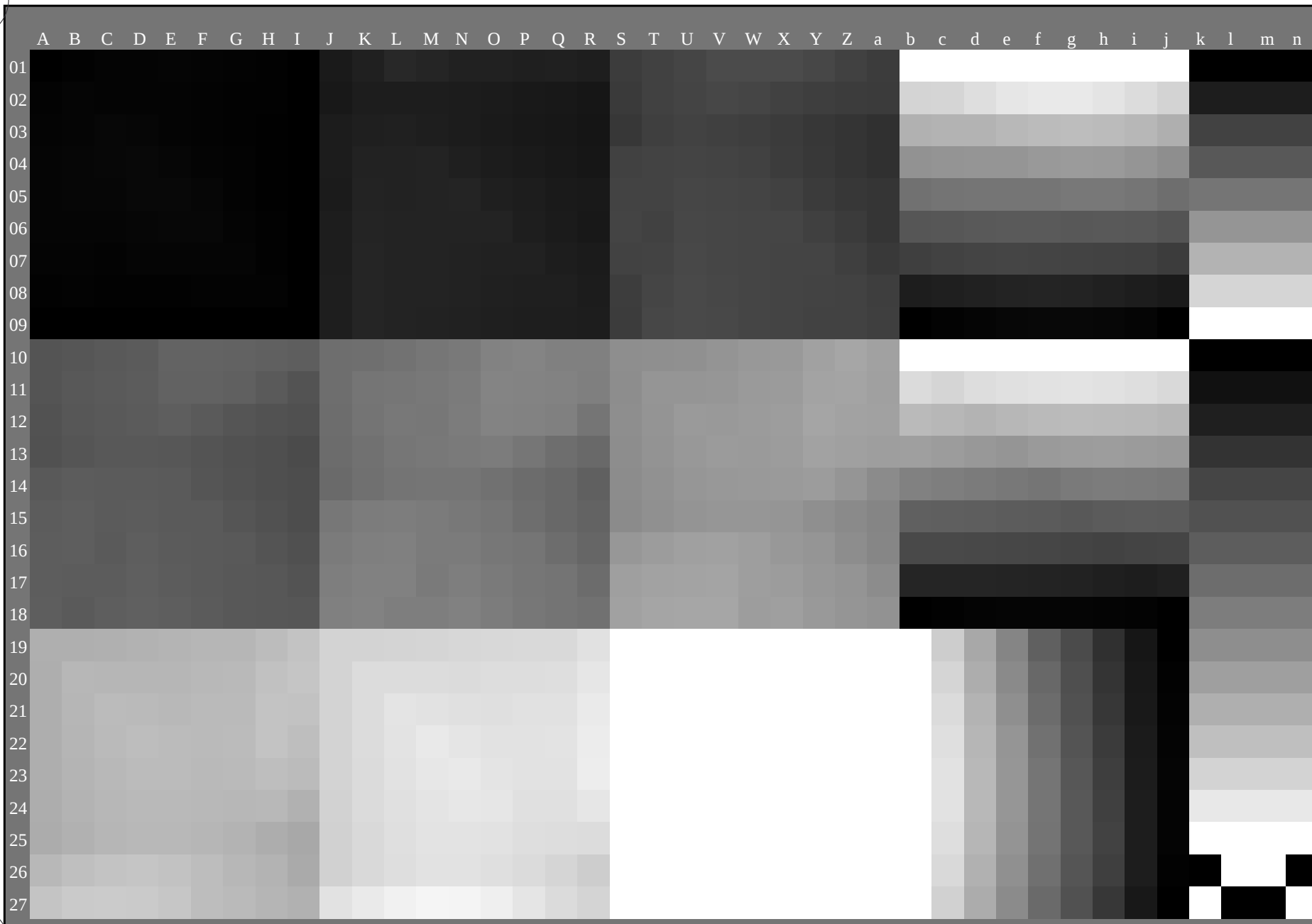
input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103131-F0

C

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmy0^* (CMY0)



1-103231-L0

PE470-72

Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n): $\text{rgb}(\mathbf{A-n})_{dd}$

TUB-test chart PE47; standard test chart
1080 standard colours, 3D=1, de=0, cmy0^*

input: $\text{rgb}/\text{cmyk} \rightarrow \text{rgb}_{dd}$
output: 3D-linearization to cmy0^*_{dd}

1-103231-F0

C

M

Y

O

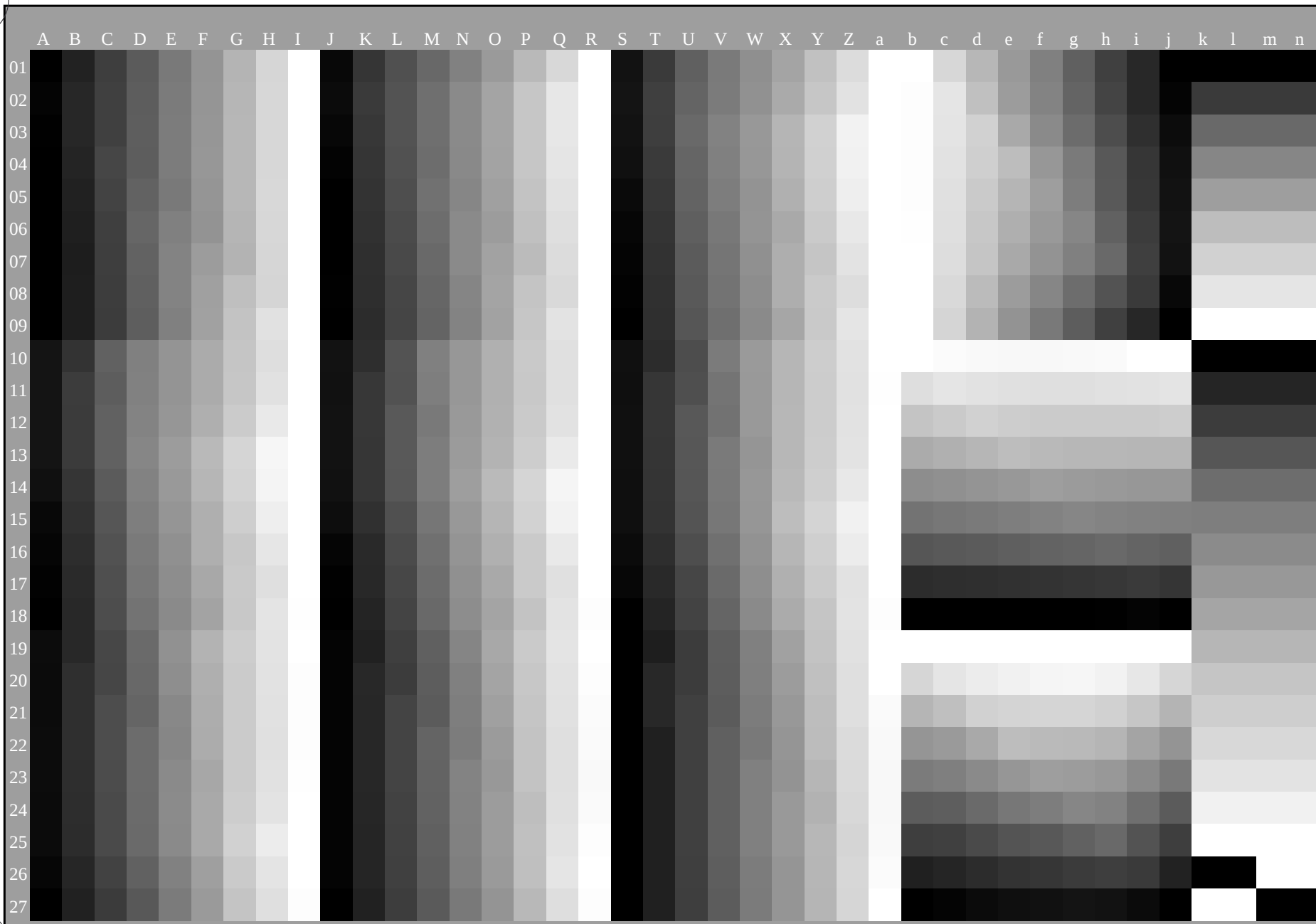
L

V

C

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)
TUB material: code=rha4ta



1-103331-L0

PE470-72

Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n): **rgb (A-n)**...

TUB-test chart PE47; standard test chart
1080 standard colours, 3D=1, de=0, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103331-F0

C

M

Y

O

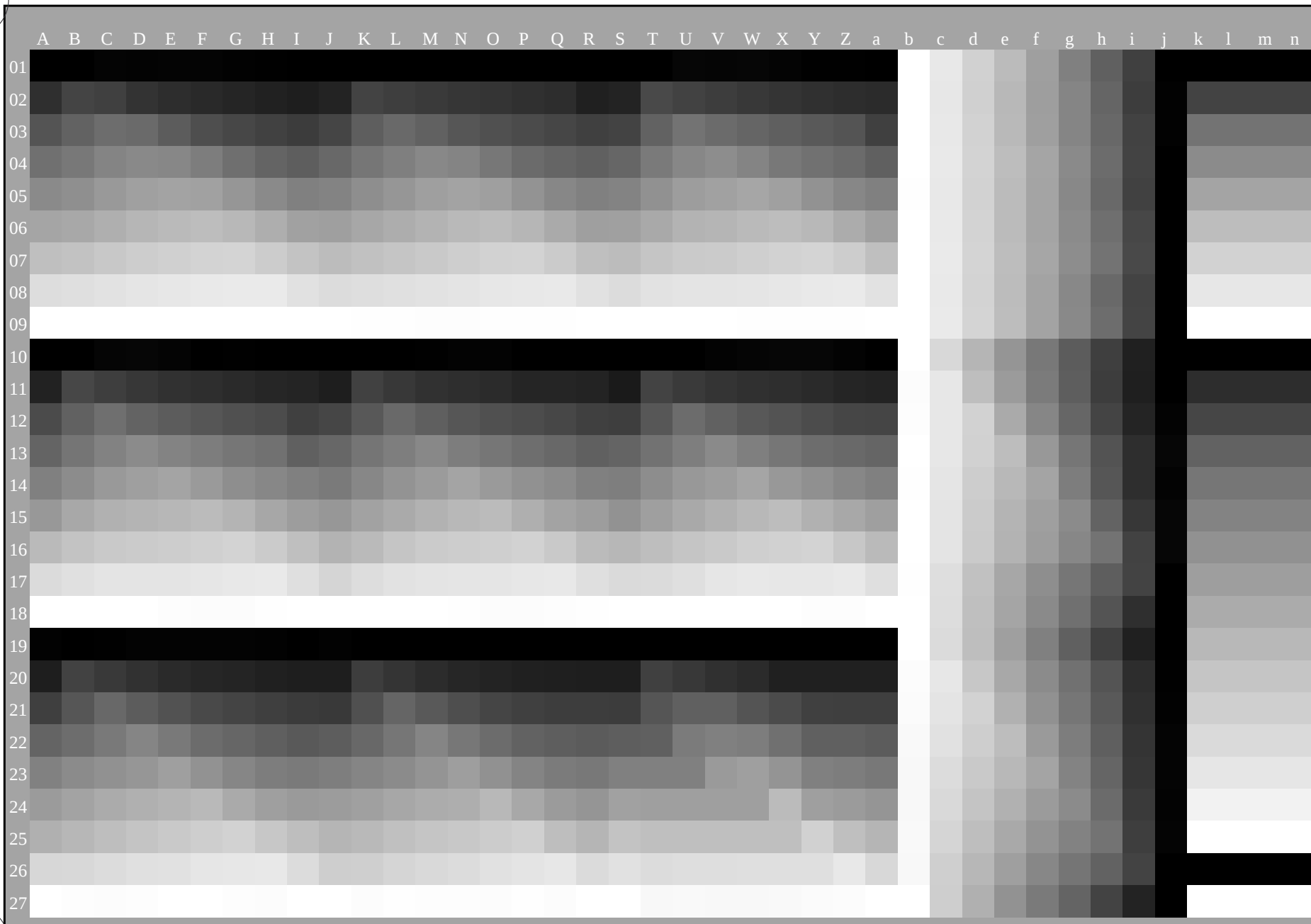
L

V

C

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0FP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation $cmY0^*$ (CMY0)



1-103431-L0

PE470-72

Test chart G with 1080 colours; 9 or 16 step colour scales; data in column (A-n): $rgb(A-n)$

TUB-test chart PE47; standard test chart
1080 standard colours, 3D=1, de=0, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmY0^*_{dd}$

1-103431-F0

C

M

Y

O

L

V

C



TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb_{dd}*
output: 3D-linearization to *cmy0*_{dd}*

TUB-test chart PE47; standard test chart colors and differences, ΔE^* , 3D=1, de=0, cmv0*

[illegible]

n/f	HfC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyn*sep_Fid	cmyn*sep_Fid	delta	rgb*Mid	hsa_Mid	LabCh*Mid	cmyn*sep_Fid	cmyn*sep_Fid	delta
0/648	R0Y_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100ad	0.0	0.25	0.0	1.0	0.253	0.0	0.0	0.0	0.0	0.233	0.0	0.0	0.0	0.0
2/684	R50Y_100_100ad	0.0	0.5	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
3/702	R75Y_100_100ad	0.0	0.75	0.0	1.0	0.766	0.0	0.0	0.0	0.0	0.766	0.0	0.0	0.0	0.0
4/720	Y00C_100_100ad	1.0	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
5/558	Y25C_100_100ad	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/396	Y50C_100_100ad	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/234	Y75C_100_100ad	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/72	G00B_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/72	G25B_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/76	G50B_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/80	G75B_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/44	B00M_100_100ad	0.0	0.5	1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
13/8	B25M_100_100ad	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
14/332	B50M_100_100ad	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
15/656	B75M_100_100ad	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
16/652	B00R_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
17/648	R00Y_100_100ad	1.0	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
18/608	R25Y_100_100ad	1.0	0.5	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
19/768	R50Y_100_100ad	1.0	0.75	0.0	1.0	0.75	0.0	0.0	0.0	0.0	0.75	0.0	0.0	0.0	0.0
20/724	Y00C_100_100ad	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
21/624	Y25C_100_100ad	0.75	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/400	Y50C_100_100ad	0.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/400	Y75C_100_100ad	0.25	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/688	B00R_100_100ad	1.0	0.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
25/692	B50R_100_100ad	1.0	0.5	1.0	1.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0
26/688	R00Y_100_100ad	1.0	0.5	1.0	1.0	0.5	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.0	0.0
27/506	R00Y_075_050ad	0.75	0.25	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
28/524	R50Y_075_050ad	0.75	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25
29/542	Y00C_075_050ad	0.75	0.75	0.5	0.5	0.75	0.25	0.25	0.25	0.25	0.75	0.25	0.25	0.25	0.25
30/380	Y50C_075_050ad	0.5	0.75	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25
31/218	G00B_075_050ad	0.25	0.75	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
32/222	G50B_075_050ad	0.25	0.75	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
33/186	B00R_075_050ad	0.25	0.75	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
34/510	B50R_075_050ad	0.75	0.25	0.75	0.5	0.75	0.25	0.25	0.25	0.75	0.25	0.75	0.25	0.25	0.25
35/506	R00Y_075_050ad	0.75	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.75	0.25	0.25	0.25	0.25	0.25
36/324	R00Y_050_050ad	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
37/342	R50Y_050_050ad	0.5	0.25	0.0	0.5	0.25	0.0	0.0	0.0	0.5	0.25	0.0	0.0	0.0	0.0
38/360	Y00C_050_050ad	0.5	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0
39/198	Y50C_050_050ad	0.25	0.5	0.0	0.5	0.25	0.0	0.0	0.0	0.25	0.5	0.0	0.0	0.0	0.0
40/36	G00B_050_050ad	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
41/40	G50B_050_050ad	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
42/4	B00R_050_050ad	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
43/328	B50R_050_050ad	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
44/324	R00Y_050_050ad	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
45/0	NW_000ad	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
46/91	NW_013ad	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
47/182	NW_025ad	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
48/273	NW_037ad	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
49/364	NW_050ad	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	0.5
50/455	NW_062ad	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
51/66	NW_075ad	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
52/166	NW_087ad	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875
53/728	NW_100ad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

see similar files: <http://130.149.60.45/~farbmatrik/PE47/PE47.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

<http://130.149.60.45/~farbmatrik/PE47/PE47L0FP.PDF> /PS; 3D-linearization F: 3D-linearization PE47/PE47LE30FP.DAT in file (F), page 11/22

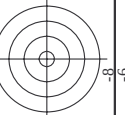
TUB-test chart PE47; standard test chart colors and differences. ΔE^* , $3D=1$, $de=0$

input: *rgb/cmyk* $\rightarrow$ *rgb_{dd}*
output: 3D-linearization to *cmv0**_{dd}

[illegible]

n	H1C*Field	rgb*Field	1c1*Field	hsa*Field	rgb*Mid	LabCh*Mid	cmyn*sep,Field	1.0	0.0	0.0	LabCh*Mid	rgb*Mid	hsa*Mid
324	324Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.93	0.0	0.0	45.4	70.9	32.3
325	325Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
326	326Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
327	327Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
328	328Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
329	329Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
330	330Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
331	331Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
332	332Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
333	333Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
334	334Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
335	335Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
336	336Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
337	337Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
338	338Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
339	339Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
340	340Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
341	341Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
342	342Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
343	343Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
344	344Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
345	345Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
346	346Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
347	347Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
348	348Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
349	349Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
350	350Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
351	351Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
352	352Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
353	353Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
354	354Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
355	355Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
356	356Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
357	357Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
358	358Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
359	359Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
360	360Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
361	361Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
362	362Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
363	363Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
364	364Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
365	365Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
366	366Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
367	367Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
368	368Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
369	369Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
370	370Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
371	371Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
372	372Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
373	373Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
374	374Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
375	375Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
376	376Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
377	377Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
378	378Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
379	379Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
380	380Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
381	381Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
382	382Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
383	383Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
384	384Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
385	385Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
386	386Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
387	387Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
388	388Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
389	389Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
390	390Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
391	391Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
392	392Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
393	393Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
394	394Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
395	395Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
396	396Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
397	397Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
398	398Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
399	399Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
400	400Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
401	401Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
402	402Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
403	403Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3
404	404Mid	0.5	0.0	0.5	0.5	35.0	0.567	0.932	0.0	0.0	45.4	70.9	32.3

n	H1C*Field	rgb*Field	1c1*Field	hsa*Field	rgb*Field	LabCh*Field	cmyn*sepField	rgb*Field	hsa*Field	LabCh*Field	cmyn*sepField	delta
405	0.625	0.0	0.0	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406	0.625	0.0	0.125	0.625	0.0	0.114	0.444	0.936	1.0	0.0	0.0	0.0
407	0.625	0.0	0.25	0.625	0.0	0.239	0.444	0.94	0.9	0.0	0.0	0.0
408	0.625	0.0	0.375	0.625	0.0	0.364	0.444	0.937	0.755	0.0	0.0	0.0
409	0.625	0.0	0.5	0.625	0.0	0.489	0.444	0.937	0.606	0.0	0.0	0.0
410	0.625	0.0	0.625	0.625	0.0	0.614	0.444	0.937	0.451	0.0	0.0	0.0
411	0.625	0.0	0.75	0.625	0.0	0.739	0.444	0.937	0.306	0.0	0.0	0.0
412	0.625	0.0	0.875	0.625	0.0	0.864	0.444	0.937	0.151	0.0	0.0	0.0
413	0.625	0.0	1.0	0.625	0.0	0.989	0.444	0.937	0.0	0.0	0.0	0.0
414	0.625	0.125	0.0	0.625	0.125	0.114	0.444	0.937	0.0	0.0	0.0	0.0
415	0.625	0.125	0.125	0.625	0.125	0.239	0.444	0.937	0.0	0.0	0.0	0.0
416	0.625	0.125	0.25	0.625	0.125	0.364	0.444	0.937	0.0	0.0	0.0	0.0
417	0.625	0.125	0.375	0.625	0.125	0.489	0.444	0.937	0.0	0.0	0.0	0.0
418	0.625	0.125	0.5	0.625	0.125	0.614	0.444	0.937	0.0	0.0	0.0	0.0
419	0.625	0.125	0.625	0.625	0.125	0.739	0.444	0.937	0.0	0.0	0.0	0.0
420	0.625	0.125	0.75	0.625	0.125	0.864	0.444	0.937	0.0	0.0	0.0	0.0
421	0.625	0.125	0.875	0.625	0.125	0.989	0.444	0.937	0.0	0.0	0.0	0.0
422	0.625	0.125	1.0	0.625	0.125	1.0	0.444	0.936	0.0	0.0	0.0	0.0
423	0.625	0.25	0.0	0.625	0.25	0.114	0.444	0.936	0.0	0.0	0.0	0.0
424	0.625	0.25	0.125	0.625	0.25	0.239	0.444	0.936	0.0	0.0	0.0	0.0
425	0.625	0.25	0.25	0.625	0.25	0.364	0.444	0.936	0.0	0.0	0.0	0.0
426	0.625	0.25	0.375	0.625	0.25	0.489	0.444	0.936	0.0	0.0	0.0	0.0
427	0.625	0.25	0.5	0.625	0.25	0.614	0.444	0.936	0.0	0.0	0.0	0.0
428	0.625	0.25	0.625	0.625	0.25	0.739	0.444	0.936	0.0	0.0	0.0	0.0
429	0.625	0.25	0.75	0.625	0.25	0.864	0.444	0.936	0.0	0.0	0.0	0.0
430	0.625	0.25	0.875	0.625	0.25	0.989	0.444	0.936	0.0	0.0	0.0	0.0
431	0.625	0.375	0.0	0.625	0.375	0.114	0.444	0.936	0.0	0.0	0.0	0.0
432	0.625	0.375	0.125	0.625	0.375	0.239	0.444	0.936	0.0	0.0	0.0	0.0
433	0.625	0.375	0.25	0.625	0.375	0.364	0.444	0.936	0.0	0.0	0.0	0.0
434	0.625	0.375	0.375	0.625	0.375	0.489	0.444	0.936	0.0	0.0	0.0	0.0
435	0.625	0.375	0.5	0.625	0.375	0.614	0.444	0.936	0.0	0.0	0.0	0.0
436	0.625	0.375	0.625	0.625	0.375	0.739	0.444	0.936	0.0	0.0	0.0	0.0
437	0.625	0.375	0.75	0.625	0.375	0.864	0.444	0.936	0.0	0.0	0.0	0.0
438	0.625	0.375	0.875	0.625	0.375	0.989	0.444	0.936	0.0	0.0	0.0	0.0
439	0.625	0.375	1.0	0.625	0.375	1.0	0.444	0.936	0.0	0.0	0.0	0.0
440	0.625	0.5	0.0	0.625	0.5	0.114	0.444	0.936	0.0	0.0	0.0	0.0
441	0.625	0.5	0.125	0.625	0.5	0.239	0.444	0.936	0.0	0.0	0.0	0.0
442	0.625	0.5	0.25	0.625	0.5	0.364	0.444	0.936	0.0	0.0	0.0	0.0
443	0.625	0.5	0.375	0.625	0.5	0.489	0.444	0.936	0.0	0.0	0.0	0.0
444	0.625	0.5	0.5	0.625	0.5	0.614	0.444	0.936	0.0	0.0	0.0	0.0
445	0.625	0.5	0.625	0.625	0.5	0.739	0.444	0.936	0.0	0.0	0.0	0.0
446	0.625	0.5	0.75	0.625	0.5	0.864	0.444	0.936	0.0	0.0	0.0	0.0
447	0.625	0.5	0.875	0.625	0.5	0.989	0.444	0.936	0.0	0.0	0.0	0.0
448	0.625	0.5	1.0	0.625	0.5	1.0	0.444	0.936	0.0	0.0	0.0	0.0
449	0.625	0.625	0.0	0.625	0.625	0.114	0.444	0.936	0.0	0.0	0.0	0.0
450	0.625	0.625	0.125	0.625	0.625	0.239	0.444	0.936	0.0	0.0	0.0	0.0
451	0.625	0.625	0.25	0.625	0.625	0.364	0.444	0.936	0.0	0.0	0.0	0.0
452	0.625	0.625	0.375	0.625	0.625	0.489	0.444	0.936	0.0	0.0	0.0	0.0
453	0.625	0.625	0.5	0.625	0.625	0.614	0.444	0.936	0.0	0.0	0.0	0.0
454	0.625	0.625	0.625	0.625	0.625	0.739	0.444	0.936	0.0	0.0	0.0	0.0
455	0.625	0.625	0.75	0.625	0.625	0.864	0.444	0.936	0.0	0.0	0.0	0.0
456	0.625	0.625	0.875	0.625	0.625	0.989	0.444	0.936	0.0	0.0	0.0	0.0
457	0.625	0.625	1.0	0.625	0.625	1.0	0.444	0.936	0.0	0.0	0.0	0.0
458	0.625	0.625	0.125	0.625	0.625	0.114	0.444	0.936	0.0	0.0	0.0	0.0
459	0.625	0.625	0.25	0.625	0.625	0.239	0.444	0.936	0.0	0.0	0.0	0.0
460	0.625	0.625	0.375	0.625	0.625	0.364	0.444	0.936	0.0	0.0	0.0	0.0
461	0.625	0.625	0.5	0.625	0.625	0.489	0.444	0.936	0.0	0.0	0.0	0.0
462	0.625	0.625	0.625	0.625	0.625	0.614	0.444	0.936	0.0	0.0	0.0	0.0
463	0.625	0.625	0.75	0.625	0.625	0.739	0.444	0.936	0.0	0.0	0.0	0.0
464	0.625	0.625	0.875	0.625	0.625	0.864	0.444	0.936	0.0	0.0	0.0	0.0
465	0.625	0.625	1.0	0.625	0.625	0.989	0.444	0.936	0.0	0.0	0.0	0.0
466	0.625	0.75	0.0	0.625	0.75	0.114	0.444	0.936	0.0	0.0	0.0	0.0
467	0.625	0.75	0.125	0.625	0.75	0.239	0.444	0.936	0.0	0.0	0.0	0.0
468	0.625	0.75	0.25	0.625	0.75	0.364	0.444	0.936	0.0	0.0	0.0	0.0
469	0.625	0.75	0.375	0.625	0.75	0.489	0.444	0.936	0.0	0.0	0.0	0.0
470	0.625	0.75	0.5	0.625	0.75	0.614	0.444	0.936	0.0	0.0	0.0	0.0
471	0.625	0.75	0.625	0.625	0.75	0.739	0.444	0.936	0.0	0.0	0.0	0.0
472	0.625	0.75	0.75	0.625	0.75	0.864	0.444	0.936	0.0	0.0	0.0	0.0
473	0.625	0.75	0.875	0.625	0.75	0.989	0.444	0.936	0.0	0.0	0.0	0.0
474	0.625	0.75	1.0	0.625	0.75	1.0	0.444	0.936	0.0	0.0	0.0	0.0
475	0.625	0.875	0.0	0.625	0.875	0.114	0.444	0.936	0.0	0.0	0.0	0.0
476	0.625	0.875	0.125	0.625	0.875	0.239	0.444	0.936	0.0	0.0	0.0	0.0
477	0.625	0.875	0.25	0.625	0.875	0.364	0.444	0.936	0.0	0.0	0.0	0.0
478	0.625	0.875	0.375	0.625	0.875	0.489	0.444	0.936	0.0	0.0	0.0	0.0
479	0.625	0.875	0.5	0.625	0.875	0.614	0.444	0.936	0.0	0.0	0.0	0.0
480	0.625	0.875	0.625	0.625	0.875	0.739	0.444	0.936	0.0	0.0	0.0	0.0
481	0.625	0.875	0.75	0.625	0.875	0.864	0.444	0.936	0.0	0.0	0.0	0.0
482	0.625	0.875	0.875	0.625	0.875	0.989	0.444	0.936	0.0	0.0	0.0	0.0
483	0.625	0.875	1.0	0.625	0.875	1.0	0.444	0.936	0.0	0.0	0.0	0.0
484	0.625	1.0	0.0	0.625	1.0	0.114	0.444	0.936	0.0	0.0	0.0	0.0
485	0.625	1.0	0.125	0.625	1.0	0.239	0.444	0.936	0.0	0.0	0.0	0.0

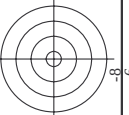


TUB material: code=rha4ta
ny0* (CMY0)

TUB-test chart PE47; standard test chart colors and differences, ΔE^* , 3D=1, de=0, cmY0*

<i>n</i>	HIC* <i>Fold</i>	<i>rgb_Fold</i>	<i>lcr_Fold</i>	<i>hsa_Fold</i>	<i>rgb_Fold</i>	<i>LabCh*<i>Fold</i></i>	<i>cmyp*<i>exp_Fold</i></i>	<i>hsa_Fold</i>	<i>rgb_Fold</i>	<i>LabCh*<i>Fold</i></i>	<i>delta</i>
486	486 ⁴⁸⁶	0.75	0.0	0.0	0.75	0.0	0.0	40.2	53.7	33.6	62.9
487	487 ⁴⁸⁷	0.75	0.0	0.125	0.75	0.0	0.112	40.2	53.7	33.6	61.1
488	488 ⁴⁸⁸	0.75	0.0	0.25	0.75	0.0	0.237	40.4	54.5	23.4	59.3
489	489 ⁴⁸⁹	0.75	0.0	0.375	0.75	0.0	0.375	40.5	55.6	15.8	57.8
490	490 ⁴⁹⁰	0.75	0.0	0.5	0.75	0.0	0.512	40.5	57.3	8.9	58.6
491	491 ⁴⁹¹	0.75	0.0	0.625	0.75	0.0	0.637	40.5	58.5	3.7	58.6
492	492 ⁴⁹²	0.75	0.0	0.75	0.75	0.0	0.75	40.6	59.4	-0.1	59.4
493	493 ⁴⁹³	0.75	0.0	0.875	0.75	0.0	0.875	40.6	65.5	-4.6	65.7
494	494 ⁴⁹⁴	0.75	0.0	1.0	0.75	0.0	1.0	42.1	71.6	-8.7	72.1
495	495 ⁴⁹⁵	0.75	0.125	0.0	0.75	0.112	0.0	43.4	45.5	38.0	59.3
496	496 ⁴⁹⁶	0.75	0.125	0.125	0.75	0.125	0.125	46.4	44.3	28.0	52.4
497	497 ⁴⁹⁷	0.75	0.125	0.25	0.75	0.125	0.239	46.5	44.9	23.4	50.6
498	498 ⁴⁹⁸	0.75	0.125	0.375	0.75	0.125	0.364	46.6	45.6	17.4	48.8
499	499 ⁴⁹⁹	0.75	0.125	0.5	0.75	0.125	0.51	46.8	47.2	9.5	48.1
500	500 ⁵⁰⁰	0.75	0.125	0.625	0.75	0.125	0.635	46.8	48.6	3.9	48.7
501	501 ⁵⁰¹	0.75	0.125	0.75	0.75	0.125	0.75	46.8	49.5	-0.1	49.5
502	502 ⁵⁰²	0.75	0.125	0.875	0.75	0.125	0.875	47.8	55.7	-4.4	55.9
503	503 ⁵⁰³	0.75	0.125	1.0	0.75	0.125	1.0	48.1	61.5	-8.7	62.1
504	504 ⁵⁰⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	54.3	44.8	56.2
505	505 ⁵⁰⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
506	506 ⁵⁰⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
507	507 ⁵⁰⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
508	508 ⁵⁰⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
509	509 ⁵⁰⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
510	510 ⁵¹⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
511	511 ⁵¹¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
512	512 ⁵¹²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
513	513 ⁵¹³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
514	514 ⁵¹⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
515	515 ⁵¹⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
516	516 ⁵¹⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
517	517 ⁵¹⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
518	518 ⁵¹⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
519	519 ⁵¹⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
520	520 ⁵²⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
521	521 ⁵²¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
522	522 ⁵²²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
523	523 ⁵²³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
524	524 ⁵²⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
525	525 ⁵²⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
526	526 ⁵²⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
527	527 ⁵²⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
528	528 ⁵²⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
529	529 ⁵²⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
530	530 ⁵³⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
531	531 ⁵³¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
532	532 ⁵³²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
533	533 ⁵³³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
534	534 ⁵³⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
535	535 ⁵³⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
536	536 ⁵³⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
537	537 ⁵³⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
538	538 ⁵³⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
539	539 ⁵³⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
540	540 ⁵⁴⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
541	541 ⁵⁴¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
542	542 ⁵⁴²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
543	543 ⁵⁴³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
544	544 ⁵⁴⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
545	545 ⁵⁴⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
546	546 ⁵⁴⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
547	547 ⁵⁴⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
548	548 ⁵⁴⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
549	549 ⁵⁴⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
550	550 ⁵⁵⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
551	551 ⁵⁵¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
552	552 ⁵⁵²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
553	553 ⁵⁵³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
554	554 ⁵⁵⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
555	555 ⁵⁵⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
556	556 ⁵⁵⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
557	557 ⁵⁵⁷	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
558	558 ⁵⁵⁸	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
559	559 ⁵⁵⁹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
560	560 ⁵⁶⁰	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
561	561 ⁵⁶¹	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
562	562 ⁵⁶²	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
563	563 ⁵⁶³	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
564	564 ⁵⁶⁴	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
565	565 ⁵⁶⁵	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8
566	566 ⁵⁶⁶	0.75	0.125	1.0	0.75	0.125	1.0	48.5	56.1	32.8	48.8

n	H1C*Field	rgb_Field	lch_Field	hsa_Field	rgb*Field	LabCh*Field	cmyn*sep,Field	cmyn*sep,Field	hax,del	rgb*Field	LabCh*Field	delta
567	567ad	0.875 0.0 0.0	0.875 0.875 0.437	390	0.875 0.0 0.0	42.8 62.0	0.171 0.983	0.994 0.0	389	1.0 0.0 0.0	45.4 70.9	44.8
568	568ad	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.116	42.9 62.0	0.171 0.983	0.883 0.0	382	1.0 0.0 0.133	45.5 71.5	39.7
569	569ad	0.875 0.0 0.25	0.875 0.875 0.437	374	0.875 0.0 0.233	43.0 63.2	0.173 0.986	0.775 0.0	375	1.0 0.0 0.266	45.6 72.3	33.8
570	570ad	0.875 0.0 0.375	0.875 0.875 0.437	365	0.875 0.0 0.364	43.1 64.2	0.173 0.984	0.675 0.0	365	1.0 0.0 0.416	45.8 73.4	25.9
571	571ad	0.875 0.0 0.5	0.875 0.875 0.437	355	0.875 0.0 0.51	43.2 65.8	0.174 0.982	0.505 0.0	354	1.0 0.0 0.583	45.9 75.2	16.9
572	572ad	0.875 0.0 0.625	0.875 0.875 0.437	346	0.875 0.0 0.641	43.2 67.3	0.176 0.986	0.388 0.0	344	1.0 0.0 0.733	45.9 77.0	9.4
573	573ad	0.875 0.0 0.75	0.875 0.875 0.437	338	0.875 0.0 0.758	43.3 68.4	0.179 0.985	0.29 0.0	337	1.0 0.0 0.866	45.9 78.1	3.2
574	574ad	0.875 0.0 0.875	0.875 0.875 0.437	330	0.875 0.0 0.875	43.4 69.4	0.182 0.984	0.19 0.0	330	1.0 0.0 0.883	45.9 78.3	-0.2
575	575ad	0.875 0.0 1.0	0.875 0.875 0.437	323	0.883 0.0 1.0	44.3 75.4	0.182 0.984	0.10 0.0	323	1.0 0.0 0.883	46.1 79.3	-4.7
576	576ad	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.116 0.0	46.1 54.3	0.172 0.871	0.0 0.0	37	1.0 0.133	46.2 75.4	-7.7
577	577ad	0.875 0.125 0.125	0.875 0.875 0.437	390	0.875 0.125 0.125	49.1 53.2	0.135 0.843	0.759 0.0	389	1.0 0.0 0.443	46.2 75.4	-4.7
578	578ad	0.875 0.125 0.25	0.875 0.875 0.437	381	0.875 0.125 0.237	49.1 53.2	0.135 0.843	0.659 0.0	389	1.0 0.0 0.454	46.2 75.4	-4.7
579	579ad	0.875 0.125 0.375	0.875 0.875 0.437	371	0.875 0.125 0.362	49.3 54.5	0.136 0.846	0.559 0.0	382	1.0 0.0 0.454	46.2 75.4	-4.7
580	580ad	0.875 0.125 0.5	0.875 0.875 0.437	360	0.875 0.125 0.494	55.6 48.6	0.143 0.846	0.459 0.0	360	1.0 0.0 0.456	46.2 75.4	-4.7
581	581ad	0.875 0.125 0.625	0.875 0.875 0.437	349	0.875 0.125 0.637	49.4 57.3	0.143 0.846	0.374 0.0	348	1.0 0.0 0.459	46.2 75.4	-4.7
582	582ad	0.875 0.125 0.75	0.875 0.875 0.437	339	0.875 0.125 0.637	49.4 57.3	0.143 0.846	0.275 0.0	337	1.0 0.0 0.459	46.2 75.4	-4.7
583	583ad	0.875 0.125 0.875	0.875 0.875 0.437	330	0.875 0.125 0.762	49.4 58.5	0.147 0.853	0.186 0.0	337	1.0 0.0 0.459	46.2 75.4	-4.7
584	584ad	0.875 0.125 1.0	0.875 0.875 0.437	322	0.883 0.125 1.0	50.5 65.5	0.147 0.853	0.103 0.0	332	1.0 0.0 0.461	46.2 75.4	-4.7
585	585ad	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.233 0.0	50.6 44.1	0.167 0.753	0.0 0.0	44	1.0 0.266	46.1 75.3	45.2
586	586ad	0.875 0.25 0.125	0.875 0.875 0.437	39	0.875 0.237 0.125	52.4 45.5	0.135 0.764	0.797 0.0	37	1.0 0.15	46.1 75.3	45.2
587	587ad	0.875 0.25 0.25	0.875 0.875 0.437	390	0.875 0.25 0.25	55.3 44.9	0.105 0.732	0.604 0.0	389	1.0 0.0 0.183	46.1 75.3	45.2
588	588ad	0.875 0.25 0.375	0.875 0.875 0.437	379	0.875 0.25 0.364	55.4 44.9	0.108 0.733	0.537 0.0	380	1.0 0.0 0.183	46.1 75.3	45.2
589	589ad	0.875 0.25 0.5	0.875 0.875 0.437	367	0.875 0.25 0.489	55.6 45.4	0.114 0.735	0.456 0.0	367	1.0 0.0 0.183	46.1 75.3	45.2
590	590ad	0.875 0.25 0.625	0.875 0.875 0.437	353	0.875 0.25 0.635	55.7 47.2	0.114 0.735	0.371 0.0	352	1.0 0.0 0.183	46.1 75.3	45.2
591	591ad	0.875 0.25 0.75	0.875 0.875 0.437	341	0.875 0.25 0.76	55.6 48.6	0.124 0.745	0.248 0.0	339	1.0 0.0 0.183	46.1 75.3	45.2
592	592ad	0.875 0.25 0.875	0.875 0.875 0.437	330	0.875 0.25 0.875	56.7 55.7	0.128 0.749	0.163 0.0	330	1.0 0.0 0.183	46.1 75.3	45.2
593	593ad	0.875 0.25 1.0	0.875 0.875 0.437	321	0.887 0.25 1.0	57.7 55.7	0.128 0.749	0.082 0.0	322	1.0 0.0 0.183	46.1 75.3	45.2
594	594ad	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.364 0.0	56.5 32.0	0.163 0.625	1.0 0.0	54	1.0 0.16	46.1 75.3	45.2
595	595ad	0.875 0.375 0.125	0.875 0.875 0.437	49	0.875 0.362 0.125	57.4 34.3	0.137 0.634	0.826 0.0	48	1.0 0.16	46.1 75.3	45.2
596	596ad	0.875 0.375 0.25	0.875 0.875 0.437	41	0.875 0.364 0.25	58.9 36.1	0.111 0.641	0.651 0.0	39	1.0 0.16	46.1 75.3	45.2
597	597ad	0.875 0.375 0.375	0.875 0.875 0.437	390	0.875 0.375 0.375	61.6 35.4	0.087 0.606	0.479 0.0	389	1.0 0.0 0.183	46.1 75.3	45.2
598	598ad	0.875 0.375 0.5	0.875 0.875 0.437	376	0.875 0.375 0.491	61.7 37.1	0.064 0.61	0.421 0.0	377	1.0 0.0 0.233	46.1 75.3	45.2
599	599ad	0.875 0.375 0.625	0.875 0.875 0.437	360	0.875 0.375 0.625	61.8 37.1	0.104 0.615	0.327 0.0	360	1.0 0.0 0.233	46.1 75.3	45.2
600	600ad	0.875 0.375 0.75	0.875 0.875 0.437	344	0.875 0.375 0.758	61.8 38.6	0.109 0.622	0.249 0.0	342	1.0 0.0 0.233	46.1 75.3	45.2
601	601ad	0.875 0.375 0.875	0.875 0.875 0.437	330	0.875 0.375 0.875	61.9 38.6	0.127 0.634	0.171 0.0	330	1.0 0.0 0.233	46.1 75.3	45.2
602	602ad	0.875 0.375 1.0	0.875 0.875 0.437	319	0.885 0.375 1.0	62.8 45.8	0.136 0.648	0.097 0.0	320	1.0 0.0 0.233	46.1 75.3	45.2
603	603ad	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.51 0.0	64.0 17.7	0.157 0.648	0.007 0.0	65	1.0 0.583	46.1 75.3	45.2
604	604ad	0.875 0.5 0.125	0.875 0.875 0.437	60	0.875 0.5 0.125	63.6 21.6	0.114 0.497	0.851 0.0	59	1.0 0.5	46.1 75.3	45.2
605	605ad	0.875 0.5 0.25	0.875 0.875 0.437	53	0.875 0.489 0.25	64.1 24.7	0.101 0.506	0.695 0.0	52	1.0 0.383	46.1 75.3	45.2
606	606ad	0.875 0.5 0.375	0.875 0.875 0.437	44	0.875 0.491 0.375	65.4 26.2	0.086 0.532	0.532 0.0	42	1.0 0.233	46.1 75.3	45.2
607	607ad	0.875 0.5 0.5	0.875 0.875 0.437	390	0.875 0.5 0.5	67.9 26.6	0.086 0.487	0.38 0.0	389	1.0 0.0 0.316	46.1 75.3	45.2
608	608ad	0.875 0.5 0.625	0.875 0.875 0.437	371	0.875 0.5 0.618	68.0 27.2	0.096 0.489	0.316 0.0	371	1.0 0.0 0.316	46.1 75.3	45.2
609	609ad	0.875 0.5 0.75	0.875 0.875 0.437	349	0.875 0.5 0.756	68.1 28.6	0.107 0.495	0.214 0.0	348	1.0 0.0 0.316	46.1 75.3	45.2
610	610ad	0.875 0.5 0.875	0.875 0.875 0.437	336	0.875 0.5 0.875	68.1 29.7	0.114 0.501	0.135 0.0	330	1.0 0.0 0.316	46.1 75.3	45.2
611	611ad	0.875 0.5 1.0	0.875 0.875 0.437	316	0.883 0.5 1.0	68.8 35.8	0.117 0.509	0.09 0.0	317	1.0 0.0 0.316	46.1 75.3	45.2
612	612ad	0.875 0.625 0.0	0.875 0.875 0.437	74	0.875 0.641 0.0	70.5 6.0	0.104 0.524	0.009 0.0	75	1.0 0.733	46.1 75.3	45.2
613	613ad	0.875 0.625 0.125	0.875 0.875 0.437	71	0.875 0.637 0.125	71.1 8.2	0.098 0.532	0.009 0.0	71	1.0 0.733	46.1 75.3	45.2
614	614ad	0.875 0.625 0.25	0.875 0.875 0.437	67	0.875 0.635 0.25	71.7 10.3	0.134 0.357	0.864 0.0	67	1.0 0.683	46.1 75.3	45.2
615	615ad	0.875 0.625 0.375	0.875 0.875 0.437	60	0.875 0.625 0.375	71.3 14.4	0.115 0.392	0.578 0.0	59	1.0 0.683	46.1 75.3	45.2
616	616ad	0.875 0.625 0.5	0.875 0.875 0.437	49	0.875 0.618 0.5	72.0 17.1	0.115 0.392	0.431 0.0	48	1.0 0.683	46.1 75.3	45.2
617	617ad	0.875 0.625 0.625	0.875 0.875 0.437	390	0.875 0.625 0.625	74.1 17.7	0.098 0.386	0.279 0.0	389	1.0 0.0 0.316	46.1 75.3	45.2
618	618ad	0.875 0.625 0.75	0.875 0.875 0.437	360	0.875 0.625 0.75	74.2 18.5	0.114 0.389	0.198 0.0	360	1.0 0.0 0.316	46.1 75.3	45.2
619	619ad	0.875 0.625 0.875	0.875 0.875 0.437	330	0.875 0.625 0.875	74.3 19.8	0.125 0.395	0.109 0.0	330	1.0 0.0 0.316	46.1 75.3	45.2
620	620ad	0.875 0.625 1.0	0.875 0.875 0.437	311	0.881 0.625 1.0	74.7 25.5	0.109 0.418	0.077 0.0	311	1.0 0.683	46.1 75.3	45.2
621	621ad	0.875 0.75 0.0	0.875 0.875 0.437	82	0.875 0.762 0.0	75.7 2.4	0.064 0.418	0.009 0.0	82	1.0 0.866	46.1 75.3	45.2
622	622ad	0.875 0.75 0.125	0.875 0.875 0.437	810								



TUB material: code=rha4ta
ny0* (CMY0)

IUB-test chart PE4/; standard test chart
colors and differences, ΔE^* , 3D=1, de=0, cmy0*

n	HIC*Fid	rgb_Fid	lcr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyp*esp_Fid	hsa_Mid	rgb*Mid	LabCh*Mid	delta					
											Mean	color difference of this page				
648	648_Fid	1.0	0.0	0.0	1.0	0.0	0.0	390	1.0	0.0	45.4	70.9	44.8	83.9	32.3	32.3
649	649_Fid	1.0	0.0	0.0	1.0	0.0	0.0	383	1.0	0.0	0.116	45.4	71.4	82.1	29.5	29.5
650	650_Fid	1.0	0.0	0.0	1.0	0.0	0.0	377	1.0	0.0	0.233	45.6	72.1	35.3	80.3	26.1
651	651_Fid	1.0	0.0	0.0	1.0	0.0	0.0	368	1.0	0.0	0.366	45.8	72.9	28.7	78.4	28.1
652	652_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9
653	653_Fid	1.0	0.0	0.0	1.0	0.0	0.0	351	1.0	0.0	0.633	46.0	75.7	14.4	77.1	10.8
654	654_Fid	1.0	0.0	0.0	1.0	0.0	0.0	342	1.0	0.0	0.766	45.9	77.3	8.0	77.7	5.9
655	655_Fid	1.0	0.0	0.0	1.0	0.0	0.0	336	1.0	0.0	0.883	45.9	78.3	3.8	78.4	2.8
656	656_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
657	657_Fid	1.0	0.0	0.0	1.0	0.0	0.0	36	1.0	0.0	0.116	0.0	48.6	63.3	49.1	80.2
658	658_Fid	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
659	659_Fid	1.0	0.0	0.0	1.0	0.0	0.0	382	1.0	0.0	0.133	45.5	71.5	39.7	81.8	29.0
660	660_Fid	1.0	0.0	0.0	1.0	0.0	0.0	375	1.0	0.0	0.266	45.6	72.3	33.8	79.8	25.0
661	661_Fid	1.0	0.0	0.0	1.0	0.0	0.0	365	1.0	0.0	0.416	45.8	73.4	25.9	77.9	19.4
662	662_Fid	1.0	0.0	0.0	1.0	0.0	0.0	354	1.0	0.0	0.583	45.9	75.2	16.9	77.1	12.7
663	663_Fid	1.0	0.0	0.0	1.0	0.0	0.0	344	1.0	0.0	0.733	45.9	77.0	9.4	77.5	7.0
664	664_Fid	1.0	0.0	0.0	1.0	0.0	0.0	337	1.0	0.0	0.866	45.9	78.1	4.4	78.3	3.2
665	665_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
666	666_Fid	1.0	0.0	0.0	1.0	0.0	0.0	42	1.0	0.0	0.233	0.0	53.0	53.4	54.8	76.5
667	667_Fid	1.0	0.0	0.0	1.0	0.0	0.0	369	1.0	0.0	0.133	0.0	49.2	62.1	49.8	79.6
668	668_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	0.266	0.0	53.4	53.4	54.8	76.5
669	669_Fid	1.0	0.0	0.0	1.0	0.0	0.0	352	1.0	0.0	0.416	0.0	57.1	57.1	58.3	72.5
670	670_Fid	1.0	0.0	0.0	1.0	0.0	0.0	341	1.0	0.0	0.583	0.0	60.8	60.8	62.0	68.1
671	671_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	0.733	0.0	64.5	64.5	65.7	71.9
672	672_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	0.866	0.0	68.2	68.2	69.4	75.9
673	673_Fid	1.0	0.0	0.0	1.0	0.0	0.0	337	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
674	674_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
675	675_Fid	1.0	0.0	0.0	1.0	0.0	0.0	51	1.0	0.0	0.133	0.0	49.2	62.1	49.8	79.6
676	676_Fid	1.0	0.0	0.0	1.0	0.0	0.0	44	1.0	0.0	0.266	0.0	54.4	54.4	56.5	75.7
677	677_Fid	1.0	0.0	0.0	1.0	0.0	0.0	37	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9
678	678_Fid	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
679	679_Fid	1.0	0.0	0.0	1.0	0.0	0.0	380	1.0	0.0	0.183	45.5	71.8	37.5	81.0	27.5
680	680_Fid	1.0	0.0	0.0	1.0	0.0	0.0	367	1.0	0.0	0.383	45.8	73.0	27.8	78.2	20.8
681	681_Fid	1.0	0.0	0.0	1.0	0.0	0.0	352	1.0	0.0	0.616	46.0	75.5	15.2	77.1	11.4
682	682_Fid	1.0	0.0	0.0	1.0	0.0	0.0	339	1.0	0.0	0.816	45.9	77.7	6.2	78.0	4.6
683	683_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
684	684_Fid	1.0	0.0	0.0	1.0	0.0	0.0	59	1.0	0.0	0.5	0.0	64.9	28.9	68.6	74.5
685	685_Fid	1.0	0.0	0.0	1.0	0.0	0.0	54	1.0	0.0	0.416	0.0	61.0	36.6	64.5	74.1
686	686_Fid	1.0	0.0	0.0	1.0	0.0	0.0	48	1.0	0.0	0.316	0.0	56.6	45.8	59.2	74.9
687	687_Fid	1.0	0.0	0.0	1.0	0.0	0.0	39	1.0	0.0	0.183	0.0	51.1	57.8	52.5	78.1
688	688_Fid	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
689	689_Fid	1.0	0.0	0.0	1.0	0.0	0.0	377	1.0	0.0	0.233	45.6	72.1	35.3	80.3	26.1
690	690_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9
691	691_Fid	1.0	0.0	0.0	1.0	0.0	0.0	350	1.0	0.0	0.766	45.9	77.3	8.0	77.7	5.9
692	692_Fid	1.0	0.0	0.0	1.0	0.0	0.0	342	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
693	693_Fid	1.0	0.0	0.0	1.0	0.0	0.0	65	1.0	0.0	0.633	0.0	72.5	14.8	77.6	79.0
694	694_Fid	1.0	0.0	0.0	1.0	0.0	0.0	68	1.0	0.0	0.583	0.0	69.7	20.2	74.6	77.3
695	695_Fid	1.0	0.0	0.0	1.0	0.0	0.0	59	1.0	0.0	0.5	0.0	64.9	28.9	68.6	74.5
696	696_Fid	1.0	0.0	0.0	1.0	0.0	0.0	52	1.0	0.0	0.383	0.0	59.5	39.5	62.5	74.0
697	697_Fid	1.0	0.0	0.0	1.0	0.0	0.0	42	1.0	0.0	0.233	0.0	53.0	53.4	54.8	76.5
698	698_Fid	1.0	0.0	0.0	1.0	0.0	0.0	489	1.0	0.0	0.416	0.0	54.4	50.9	44.8	83.9
699	699_Fid	1.0	0.0	0.0	1.0	0.0	0.0	420	1.0	0.0	0.616	0.0	57.1	57.1	58.3	72.5
700	700_Fid	1.0	0.0	0.0	1.0	0.0	0.0	348	1.0	0.0	0.816	45.9	77.7	6.2	78.0	4.6
701	701_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
702	702_Fid	1.0	0.0	0.0	1.0	0.0	0.0	77	1.0	0.0	0.766	0.0	78.6	4.3	84.7	84.8
703	703_Fid	1.0	0.0	0.0	1.0	0.0	0.0	75	1.0	0.0	0.733	0.0	77.1	6.9	83.0	83.3
704	704_Fid	1.0	0.0	0.0	1.0	0.0	0.0	71	1.0	0.0	0.616	0.0	74.8	11.0	80.4	81.1
705	705_Fid	1.0	0.0	0.0	1.0	0.0	0.0	67	1.0	0.0	0.5	0.0	74.6	76.6	81.4	77.8
706	706_Fid	1.0	0.0	0.0	1.0	0.0	0.0	59	1.0	0.0	0.5	0.0	64.9	28.9	68.6	74.5
707	707_Fid	1.0	0.0	0.0	1.0	0.0	0.0	48	1.0	0.0	0.316	0.0	56.6	45.8	59.2	74.9
708	708_Fid	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
709	709_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9
710	710_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
711	711_Fid	1.0	0.0	0.0	1.0	0.0	0.0	83	1.0	0.0	0.883	0.0	83.7	-3.8	90.5	90.6
712	712_Fid	1.0	0.0	0.0	1.0	0.0	0.0	82	1.0	0.0	0.866	0.0	83.1	-2.8	89.8	89.8
713	713_Fid	1.0	0.0	0.0	1.0	0.0	0.0	81	1.0	0.0	0.85	0.0	82.3	-1.5	89.0	89.0
714	714_Fid	1.0	0.0	0.0	1.0	0.0	0.0	80	1.0	0.0	0.816	0.0	80.8	0.8	87.3	87.3
715	715_Fid	1.0	0.0	0.0	1.0	0.0	0.0	77	1.0	0.0	0.766	0.0	78.6	4.3	84.7	84.8
716	716_Fid	1.0	0.0	0.0	1.0	0.0	0.0	71	1.0	0.0	0.683	0.0	74.8	11.0	80.4	81.1
717	717_Fid	1.0	0.0	0.0	1.0	0.0	0.0	59	1.0	0.0	0.5	0.0	64.9	28.9	68.6	74.5
718	718_Fid	1.0	0.0	0.0	1.0	0.0	0.0	389	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3
719	719_Fid	1.0	0.0	0.0	1.0	0.0	0.0	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8
720	720_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
721	721_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
722	722_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
723	723_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
724	724_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
725	725_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
726	726_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
727	727_Fid	1.0	0.0	0.0	1.0	0.0	0.0	89	1.0	0.0	1.0	0.0	87.8	-10.2	95.4	96.1
728	728_Fid	1.0	0.0	0.0	1.0	0.0	0.0	360	1.0	0.0	1.0	0.0	95.6	0.0	0.0	0.0

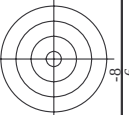


TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb_{dd}*
output: 3D-linearization to *cmv0_{dd}*

TUB-test chart PE47; standard test chart colors and differences, ΔE^* , $3D=1$, $de=0$

n	HVC-Fid	rgb-Fid	icr-Fid	hsa-Fid	rgb*Fid	LabCh*Fid	cmy0*sep-Fid	mean	delta
810	810ad	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0
811	811ad	0.875	0.875	1.0	0.875	95.6	0.0	0.0	0.0
812	812ad	0.75	0.75	1.0	0.75	95.6	0.0	0.0	0.0
813	813ad	0.625	0.625	1.0	0.625	95.6	0.0	0.0	0.0
814	814ad	0.5	0.5	1.0	0.5	95.6	0.0	0.0	0.0
815	815ad	0.375	0.375	1.0	0.375	95.6	0.0	0.0	0.0
816	816ad	0.25	0.25	1.0	0.25	95.6	0.0	0.0	0.0
817	817ad	0.125	0.125	1.0	0.125	95.6	0.0	0.0	0.0
818	818ad	0.0	0.0	1.0	0.0	95.6	0.0	0.0	0.0
819	819ad	1.0	1.0	0.875	1.0	95.6	0.0	0.0	0.0
820	820ad	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
821	821ad	0.75	0.75	0.875	0.75	95.6	0.0	0.0	0.0
822	822ad	0.625	0.625	0.875	0.625	95.6	0.0	0.0	0.0
823	823ad	0.5	0.5	0.875	0.5	95.6	0.0	0.0	0.0
824	824ad	0.375	0.375	0.875	0.375	95.6	0.0	0.0	0.0
825	825ad	0.25	0.25	0.875	0.25	95.6	0.0	0.0	0.0
826	826ad	0.125	0.125	0.875	0.125	95.6	0.0	0.0	0.0
827	827ad	0.0	0.0	0.875	0.0	95.6	0.0	0.0	0.0
828	828ad	1.0	1.0	0.75	1.0	95.6	0.0	0.0	0.0
829	829ad	0.875	0.875	0.75	0.875	95.6	0.0	0.0	0.0
830	830ad	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
831	831ad	0.625	0.625	0.75	0.625	95.6	0.0	0.0	0.0
832	832ad	0.5	0.5	0.75	0.5	95.6	0.0	0.0	0.0
833	833ad	0.375	0.375	0.75	0.375	95.6	0.0	0.0	0.0
834	834ad	0.25	0.25	0.75	0.25	95.6	0.0	0.0	0.0
835	835ad	0.125	0.125	0.75	0.125	95.6	0.0	0.0	0.0
836	836ad	0.0	0.0	0.75	0.0	95.6	0.0	0.0	0.0
837	837ad	1.0	1.0	0.625	1.0	95.6	0.0	0.0	0.0
838	838ad	0.875	0.875	0.625	0.875	95.6	0.0	0.0	0.0
839	839ad	0.75	0.75	0.625	0.75	95.6	0.0	0.0	0.0
840	840ad	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
841	841ad	0.5	0.5	0.625	0.5	95.6	0.0	0.0	0.0
842	842ad	0.375	0.375	0.625	0.375	95.6	0.0	0.0	0.0
843	843ad	0.25	0.25	0.625	0.25	95.6	0.0	0.0	0.0
844	844ad	0.125	0.125	0.625	0.125	95.6	0.0	0.0	0.0
845	845ad	0.0	0.0	0.625	0.0	95.6	0.0	0.0	0.0
846	846ad	1.0	1.0	0.5	1.0	95.6	0.0	0.0	0.0
847	847ad	0.875	0.875	0.5	0.875	95.6	0.0	0.0	0.0
848	848ad	0.75	0.75	0.5	0.75	95.6	0.0	0.0	0.0
849	849ad	0.625	0.625	0.5	0.625	95.6	0.0	0.0	0.0
850	850ad	0.5	0.5	0.5	0.5	95.6	0.0	0.0	0.0
851	851ad	0.375	0.375	0.5	0.375	95.6	0.0	0.0	0.0
852	852ad	0.25	0.25	0.5	0.25	95.6	0.0	0.0	0.0
853	853ad	0.125	0.125	0.5	0.125	95.6	0.0	0.0	0.0
854	854ad	0.0	0.0	0.5	0.0	95.6	0.0	0.0	0.0
855	855ad	1.0	1.0	0.375	1.0	95.6	0.0	0.0	0.0
856	856ad	0.875	0.875	0.375	0.875	95.6	0.0	0.0	0.0
857	857ad	0.75	0.75	0.375	0.75	95.6	0.0	0.0	0.0
858	858ad	0.625	0.625	0.375	0.625	95.6	0.0	0.0	0.0
859	859ad	0.5	0.5	0.375	0.5	95.6	0.0	0.0	0.0
860	860ad	0.375	0.375	0.375	0.375	95.6	0.0	0.0	0.0
861	861ad	0.25	0.25	0.375	0.25	95.6	0.0	0.0	0.0
862	862ad	0.125	0.125	0.375	0.125	95.6	0.0	0.0	0.0
863	863ad	0.0	0.0	0.375	0.0	95.6	0.0	0.0	0.0
864	864ad	1.0	1.0	0.25	1.0	95.6	0.0	0.0	0.0
865	865ad	0.875	0.875	0.25	0.875	95.6	0.0	0.0	0.0
866	866ad	0.75	0.75	0.25	0.75	95.6	0.0	0.0	0.0
867	867ad	0.625	0.625	0.25	0.625	95.6	0.0	0.0	0.0
868	868ad	0.5	0.5	0.25	0.5	95.6	0.0	0.0	0.0
869	869ad	0.375	0.375	0.25	0.375	95.6	0.0	0.0	0.0
870	870ad	0.25	0.25	0.25	0.25	95.6	0.0	0.0	0.0
871	871ad	0.125	0.125	0.25	0.125	95.6	0.0	0.0	0.0
872	872ad	0.0	0.0	0.25	0.0	95.6	0.0	0.0	0.0
873	873ad	1.0	1.0	0.125	1.0	95.6	0.0	0.0	0.0
874	874ad	0.875	0.875	0.125	0.875	95.6	0.0	0.0	0.0
875	875ad	0.75	0.75	0.125	0.75	95.6	0.0	0.0	0.0
876	876ad	0.625	0.625	0.125	0.625	95.6	0.0	0.0	0.0
877	877ad	0.5	0.5	0.125	0.5	95.6	0.0	0.0	0.0
878	878ad	0.375	0.375	0.125	0.375	95.6	0.0	0.0	0.0
879	879ad	0.25	0.25	0.125	0.25	95.6	0.0	0.0	0.0
880	880ad	0.125	0.125	0.125	0.125	95.6	0.0	0.0	0.0
881	881ad	0.0	0.0	0.125	0.0	95.6	0.0	0.0	0.0
882	882ad	1.0	1.0	0.0	1.0	95.6	0.0	0.0	0.0
883	883ad	0.875	0.875	0.0	0.875	95.6	0.0	0.0	0.0
884	884ad	0.75	0.75	0.0	0.75	95.6	0.0	0.0	0.0
885	885ad	0.625	0.625	0.0	0.625	95.6	0.0	0.0	0.0
886	886ad	0.5	0.5	0.0	0.5	95.6	0.0	0.0	0.0
887	887ad	0.375	0.375	0.0	0.375	95.6	0.0	0.0	0.0
888	888ad	0.25	0.25	0.0	0.25	95.6	0.0	0.0	0.0
889	889ad	0.125	0.125	0.0	0.125	95.6	0.0	0.0	0.0
890	890ad	0.0	0.0	0.0	0.0	95.6	0.0	0.0	0.0



TUB material: code=rha4ta
ny0* (CMY0)

input: *rgb/cmyk* -> *rgb_{dd}*
 output: 3D-linearization to *cmy0*_{dd}*

UB-test chart PE4/; standard test chart colors and differences, ΔE^* , 3D=1, de=0

z	HIC*Fold	rgb_Fold	icr_Fold	hsa_Fold	rgb*Fold	LabCh*Fold	cmyp*sep_Fold	hsa_Md	rgb_Md	LabCh*Md	delta
891	891ad	1.0	1.0	1.0	1.0	95.6	0.0	360	1.0	1.0	0.0
892	892ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
893	893ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
894	894ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
895	895ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
896	896ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
897	897ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
898	898ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
899	899ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
900	900ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
901	901ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
902	902ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
903	903ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
904	904ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
905	905ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
906	906ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
907	907ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
908	908ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
909	909ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
910	910ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
911	911ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
912	912ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
913	913ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
914	914ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
915	915ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
916	916ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
917	917ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
918	918ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
919	919ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
920	920ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
921	921ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
922	922ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
923	923ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
924	924ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
925	925ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
926	926ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
927	927ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
928	928ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
929	929ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
930	930ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
931	931ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
932	932ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
933	933ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
934	934ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
935	935ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
936	936ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
937	937ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
938	938ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
939	939ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
940	940ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
941	941ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
942	942ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
943	943ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
944	944ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
945	945ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
946	946ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
947	947ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
948	948ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
949	949ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
950	950ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
951	951ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
952	952ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
953	953ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
954	954ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
955	955ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
956	956ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
957	957ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
958	958ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
959	959ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
960	960ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
961	961ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
962	962ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
963	963ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
964	964ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
965	965ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
966	966ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
967	967ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
968	968ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
969	969ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
970	970ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0
971	971ad	1.0	0.875	1.0	0.875	1.0	89.4	0.0	0.0	0.0	0.0



TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* $\rightarrow$ *rgb*_{dd}
output: 3D-linearization to *cmy0**_{dd}

TUB-test chart PE47; standard test chart colors and differences, ΔE^* , 3D=1, de=0, cmy0*

<i>n</i>	HIC* <i>Fold</i>	<i>rgb_Fold</i>	<i>icr_Fold</i>	<i>hsa_Fold</i>	<i>rgb_Fold</i>	<i>LabCh*Fold</i>	<i>hsa_cdd</i>	<i>rgb*Mod</i>	<i>LabCh*Mod</i>	delta
1053	1053dd	0.866	0.866	0.866	360	0.866	360	1.0	95.6	0.0
1054	1054dd	0.933	0.933	0.933	360	0.933	360	1.0	95.6	0.0
1055	1055dd	1.0	1.0	1.0	360	1.0	360	1.0	95.6	0.0
1056	1056dd	0.0	0.0	0.0	360	0.0	360	1.0	95.6	0.0
1057	1057dd	0.066	0.066	0.066	360	0.066	360	1.0	95.6	0.0
1058	1058dd	0.133	0.133	0.133	360	0.133	360	1.0	95.6	0.0
1059	1059dd	0.2	0.2	0.2	360	0.2	360	1.0	95.6	0.0
1060	1060dd	0.266	0.266	0.266	360	0.266	360	1.0	95.6	0.0
1061	1061dd	0.333	0.333	0.333	360	0.333	360	1.0	95.6	0.0
1062	1062dd	0.4	0.4	0.4	360	0.4	360	1.0	95.6	0.0
1063	1063dd	0.466	0.466	0.466	360	0.466	360	1.0	95.6	0.0
1064	1064dd	0.533	0.533	0.533	360	0.533	360	1.0	95.6	0.0
1065	1065dd	0.6	0.6	0.6	360	0.6	360	1.0	95.6	0.0
1066	1066dd	0.666	0.666	0.666	360	0.666	360	1.0	95.6	0.0
1067	1067dd	0.734	0.734	0.734	360	0.734	360	1.0	95.6	0.0
1068	1068dd	0.8	0.8	0.8	360	0.8	360	1.0	95.6	0.0
1069	1069dd	0.866	0.866	0.866	360	0.866	360	1.0	95.6	0.0
1070	1070dd	0.933	0.933	0.933	360	0.933	360	1.0	95.6	0.0
1071	1071dd	1.0	1.0	1.0	360	1.0	360	1.0	95.6	0.0
1072	1072dd	0.0	0.0	0.0	360	0.0	360	1.0	95.6	0.0
1073	1073dd	1.0	1.0	1.0	360	1.0	360	1.0	95.6	0.0
1074	1074dd	1.0	1.0	1.0	390	1.0	389	1.0	95.6	0.0
1075	1075dd	0.0	1.0	1.0	210	0.0	210	1.0	95.6	0.0
1076	1076dd	0.0	1.0	1.0	90	0.0	90	1.0	95.6	0.0
1077	1077dd	0.0	1.0	1.0	270	0.0	270	1.0	95.6	0.0
1078	1078dd	0.0	1.0	1.0	120	0.0	120	1.0	95.6	0.0
1079	1079dd	1.0	1.0	1.0	330	1.0	330	1.0	95.6	0.0