

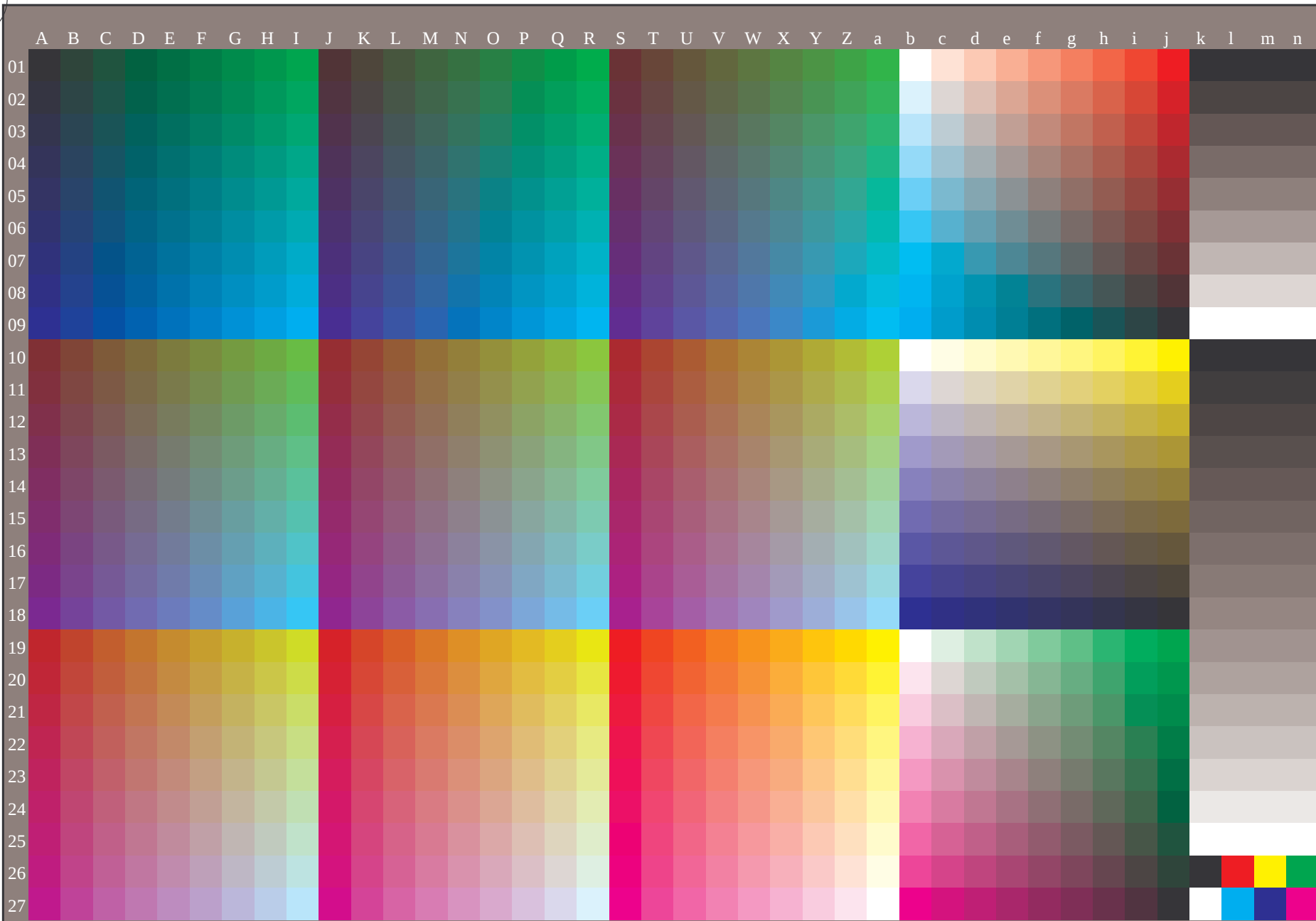
TUB registration: 20130201-PE47/PE47L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0NP.PDF> / .PS; start output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

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

TUB registration: 20130201-PE47/PE47L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmy0 (CMY0)



1-003131-L0

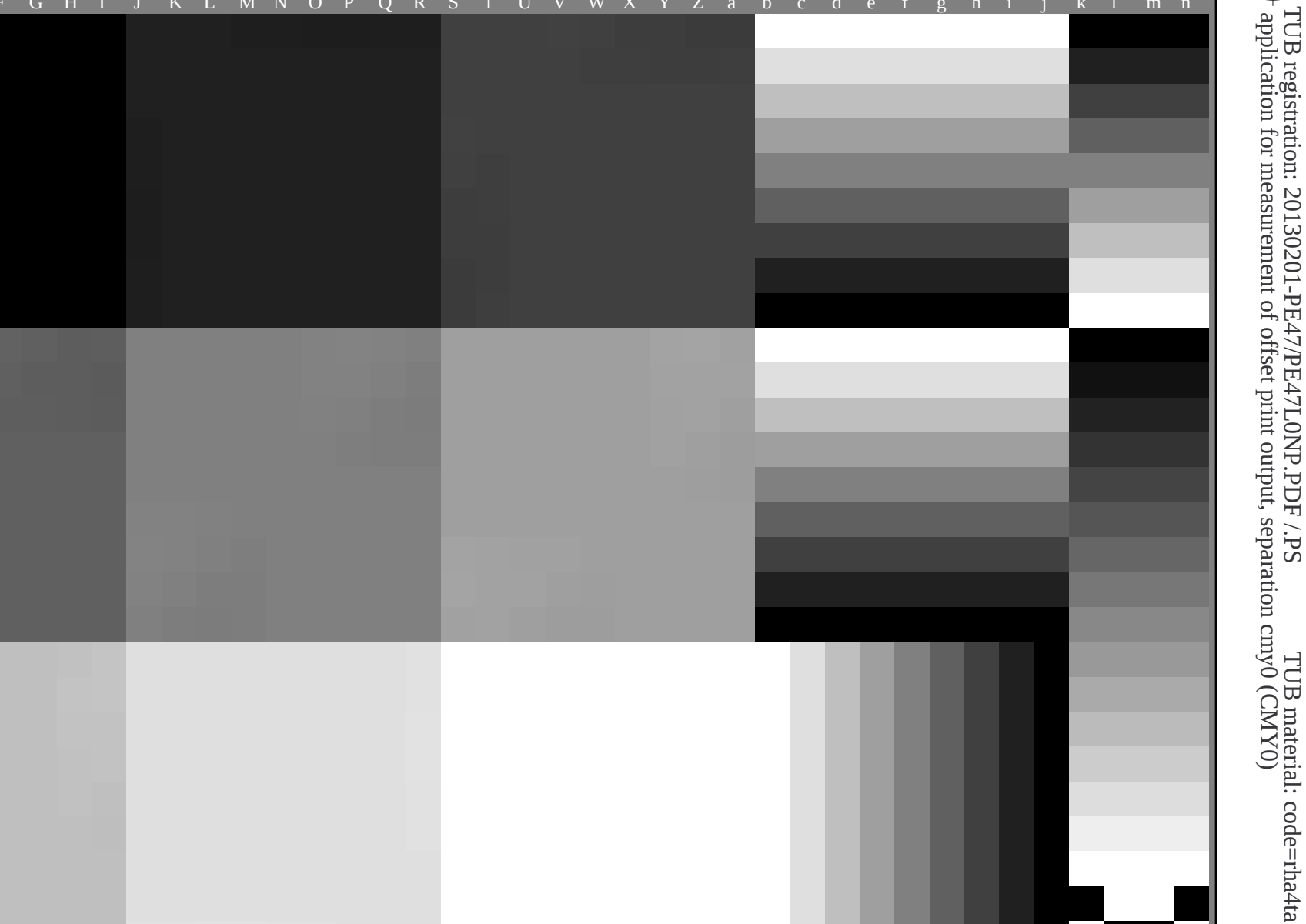
PE470-70

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

input: *rgb/cmyk* -> *rgb_d*
output: transfer to *cmy0_d*

1-003131-F0

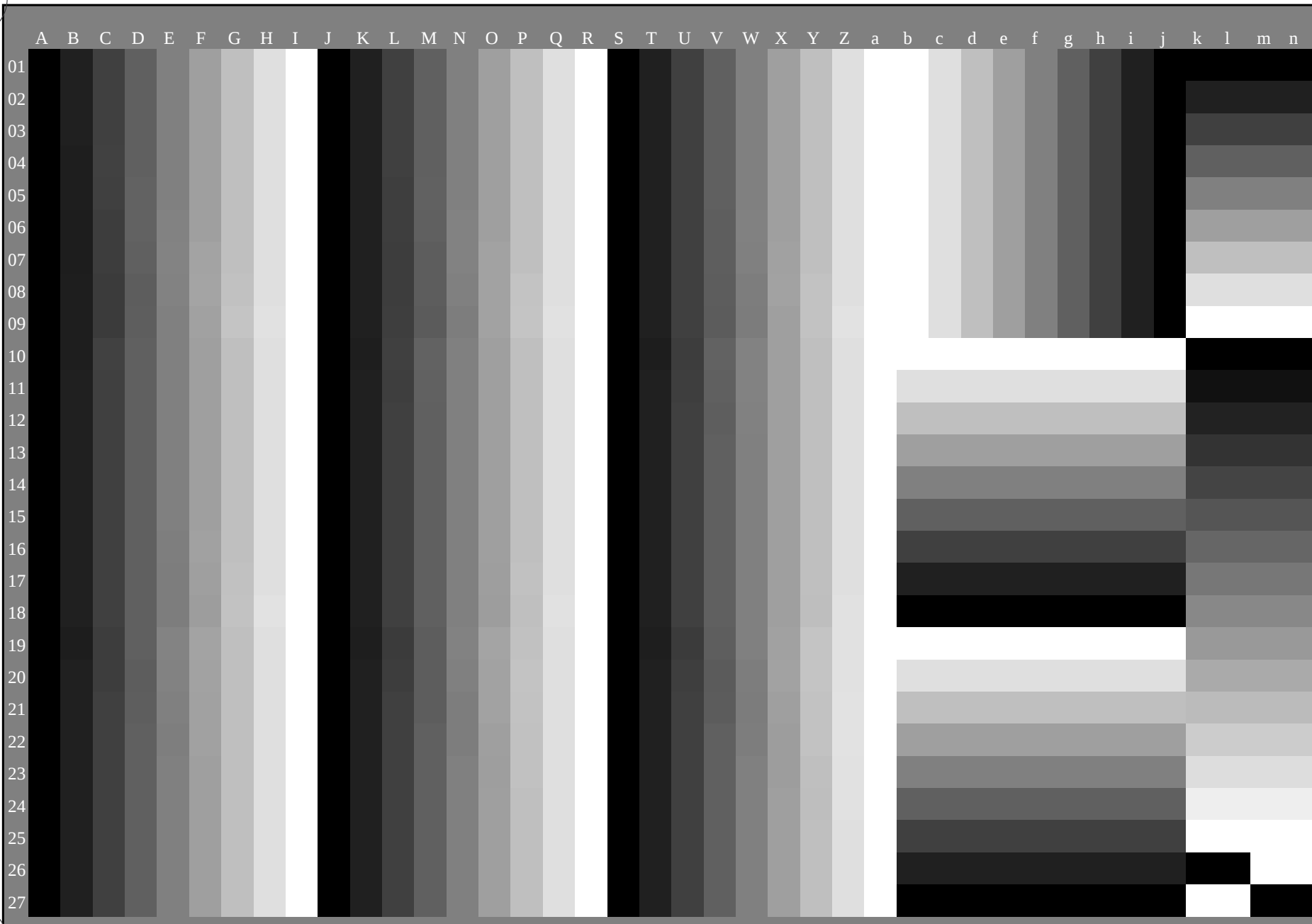
1-003131-F0



see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0NP.PDF> / .PS; transfer output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmy0 (CMY0)

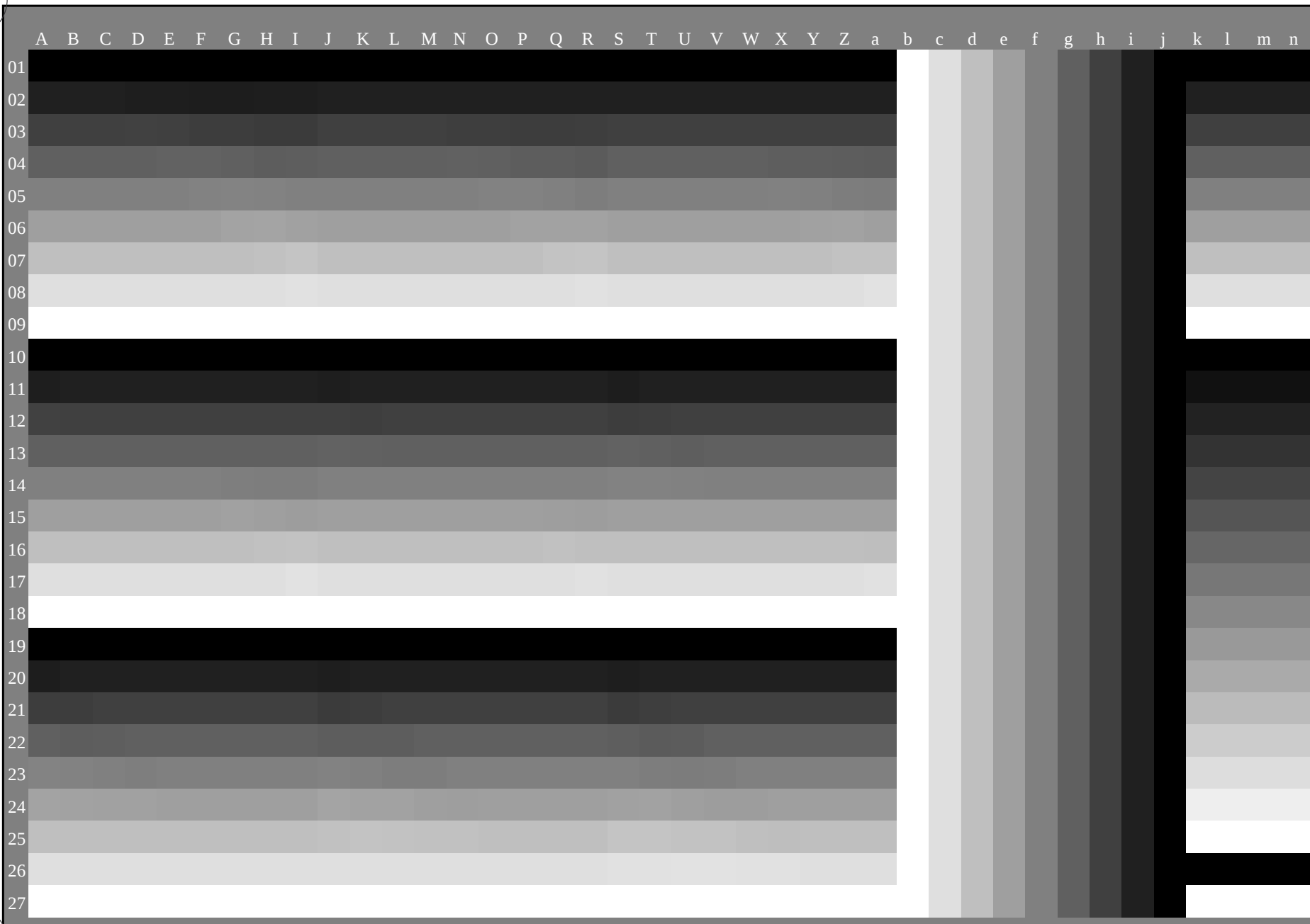


TUB-test chart PE47; standard test chart
1080 standard colours, 3D=0, de=0, *cmy0*

input: *rgb/cmyk* -> *rgb_d*
output: transfer to *cmy0_d*

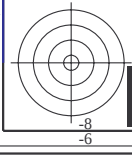
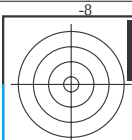
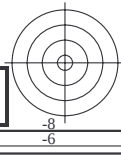
see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE47/PE47L0NP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmy0 (CMY0)



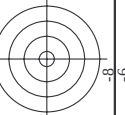
TUB-test chart PE47; standard test chart
1080 standard colours, 3D=0, de=0, *cmy0*

input: *rgb/cmyk* -> *rgb_d*
output: transfer to *cmy0_d*



<http://130.149.60.45/~farbmatrik/PE47/PE47LONP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/22

n/f		HfC*Fd	rgb_Fd	ic_Fd	hs_Fd	rgb_Fd	LabCh*Fd	DF*Fd	hs_Md	rgb_Md	LabCh*Md	DF*Fd	hs_Md	rgb_Md	LabCh*Md	DF*Fd	hs_Md	rgb_Md	LabCh*Md				
0/648	R00Y_100_100d	1.0	0.0	0.0	1.0	0.5	390	1.0	0.0	0.0	45.4	70.9	83.9	32.3	0.0	0.0	0.0	45.4	70.9	83.9	32.3		
1/657	R13Y_100_100d	1.0	0.125	0.0	1.0	0.5	377	1.0	0.116	0.0	48.6	63.3	49.1	80.2	37.7	1.0	0.116	0.0	48.6	63.3	49.1		
2/666	R25Y_100_100d	1.0	0.25	0.0	1.0	0.5	340	1.0	0.233	0.0	53.0	53.4	54.8	76.5	41.1	1.0	0.233	0.0	53.0	53.4	54.8		
3/675	R38Y_100_100d	1.0	0.375	0.0	1.0	0.5	42	1.0	0.366	0.0	58.8	41.1	61.7	74.1	56.3	1.0	0.366	0.0	58.8	41.1	61.7		
4/684	R50Y_100_100d	1.0	0.5	0.0	1.0	0.5	52	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	1.0	0.5	0.0	64.9	28.9	68.6		
5/693	R63Y_100_100d	1.0	0.625	0.0	1.0	0.5	68	1.0	0.633	0.0	72.5	14.8	77.6	79.0	79.1	1.0	0.633	0.0	72.5	14.8	77.6		
6/702	R75Y_100_100d	1.0	0.75	0.0	1.0	0.5	76	1.0	0.766	0.0	78.6	4.3	84.7	84.8	87.4	1.0	0.766	0.0	78.6	4.3	84.7		
7/711	R88Y_100_100d	1.0	0.875	0.0	1.0	0.5	83	1.0	0.883	0.0	83.7	-3.8	90.5	92.0	92.1	1.0	0.883	0.0	83.7	-3.8	90.5		
8/720	Y00C_100_100d	1.0	1.0	0.0	1.0	0.5	90	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	1.0	0.0	87.8	-10.2	95.4		
9/639	Y13C_100_100d	1.0	0.125	0.0	1.0	0.5	97	1.0	0.883	1.0	0.0	84.5	-13.6	89.7	90.7	98.6	1.0	0.883	1.0	0.0	84.5	-13.6	89.7
10/558	Y25C_100_100d	1.0	0.25	0.0	1.0	0.5	104	1.0	0.766	1.0	0.0	81.2	-17.0	84.3	86.0	101.4	1.0	0.766	1.0	0.0	81.2	-17.0	84.3
11/477	Y38C_100_100d	1.0	0.375	0.0	1.0	0.5	112	1.0	0.633	1.0	0.0	75.6	-23.6	76.2	79.8	107.2	1.0	0.633	1.0	0.0	75.6	-23.6	76.2
12/396	Y50C_100_100d	1.0	0.5	0.0	1.0	0.5	120	1.0	0.5	0.0	70.6	-29.7	66.5	72.8	114.0	0.0	1.0	0.5	0.0	70.6	-29.7	66.5	
13/315	Y63C_100_100d	1.0	0.625	0.0	1.0	0.5	128	1.0	0.366	1.0	0.0	65.2	-36.4	57.6	68.2	122.3	1.0	0.366	1.0	0.0	65.2	-36.4	57.6
14/234	Y75C_100_100d	1.0	0.75	0.0	1.0	0.5	136	1.0	0.633	1.0	0.0	57.9	-48.3	45.6	66.5	136.5	1.0	0.633	1.0	0.0	57.9	-48.3	45.6
15/153	Y88C_100_100d	1.0	0.875	0.0	1.0	0.5	143	1.0	0.116	1.0	0.0	54.4	-54.7	38.0	66.6	145.1	1.0	0.116	1.0	0.0	54.4	-54.7	38.0
16/72	G00C_100_100d	0.0	1.0	0.0	1.0	0.5	150	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	
17/73	G13C_100_100d	0.0	0.125	0.0	1.0	0.5	157	0.0	0.116	0.0	50.5	-62.9	22.4	66.8	160.4	0.0	1.0	0.116	0.0	50.5	-62.9	22.4	
18/74	G25C_100_100d	0.0	0.25	0.0	1.0	0.5	164	0.0	0.233	0.0	51.1	-59.5	13.9	61.1	166.8	0.0	1.0	0.233	0.0	51.1	-59.5	13.9	
19/75	G38C_100_100d	0.0	0.375	0.0	1.0	0.5	172	0.0	0.366	0.0	51.9	-54.9	3.7	55.0	176.1	0.0	1.0	0.366	0.0	51.9	-54.9	3.7	
20/76	G50C_100_100d	0.0	0.5	0.0	1.0	0.5	180	0.0	0.5	0.0	52.9	-48.6	-8.0	49.3	189.3	0.0	1.0	0.5	0.0	52.9	-48.6	-8.0	
21/77	G63C_100_100d	0.0	0.625	0.0	1.0	0.5	188	0.0	0.633	0.0	54.1	-42.0	-18.8	46.0	204.1	0.0	1.0	0.633	0.0	54.1	-42.0	-18.8	
22/78	G75C_100_100d	0.0	0.75	0.0	1.0	0.5	196	0.0	0.766	0.0	55.1	-35.4	-28.4	45.4	218.7	0.0	1.0	0.766	0.0	55.1	-35.4	-28.4	
23/79	G88C_100_100d	0.0	0.875	0.0	1.0	0.5	203	0.0	0.883	0.0	55.9	-30.4	-35.0	40.3	233.0	0.0	1.0	0.883	0.0	55.9	-30.4	-35.0	
24/80	C00B_100_100d	0.0	1.0	0.0	1.0	0.5	210	0.0	1.0	0.0	56.8	-25.5	-41.5	48.7	238.4	0.0	1.0	0.0	56.8	-25.5	-41.5		
25/71	C13B_100_100d	0.0	0.875	1.0	1.0	0.5	217	0.0	0.883	1.0	54.3	-21.1	-41.3	46.4	242.9	0.0	1.0	0.883	1.0	54.3	-21.1	-41.3	
26/62	C25B_100_100d	0.0	0.75	1.0	1.0	0.5	224	0.0	0.766	1.0	50.9	-16.2	-41.2	44.2	248.4	0.0	1.0	0.766	1.0	50.9	-16.2	-41.2	
27/53	C38B_100_100d	0.0	0.625	1.0	1.0	0.5	232	0.0	0.633	1.0	46.8	-9.4	-40.8	41.9	256.9	0.0	1.0	0.633	1.0	46.8	-9.4	-40.8	
28/44	C50B_100_100d	0.0	0.5	1.0	1.0	0.5	240	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	1.0	0.5	1.0	41.7	-1.2	-40.6	
29/35	C63B_100_100d	0.0	0.375	1.0	1.0	0.5	248	0.0	0.366	1.0	37.0	6.1	-40.2	40.8	279.3	0.0	1.0	0.366	1.0	37.0	6.1	-40.2	
30/26	C75B_100_100d	0.0	0.25	1.0	1.0	0.5	256	0.0	0.233	1.0	32.2	15.3	-40.3	43.1	290.8	0.0	1.0	0.233	1.0	32.2	15.3	-40.3	
31/17	C88B_100_100d	0.0	0.125	1.0	1.0	0.5	263	0.0	0.116	1.0	28.4	22.8	-40.3	46.3	299.5	0.0	1.0	0.116	1.0	28.4	22.8	-40.3	
32/8	B00M_100_100d	0.0	0.0	1.0	1.0	0.5	270	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306.2	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	
33/89	B13M_100_100d	0.0	0.125	0.0	1.0	0.5	277	0.0	0.116	0.0	27.7	35.6	-36.7	51.1	314.1	0.0	0.116	0.0	27.7	35.6	-36.7	51.1	
34/170	B25M_100_100d	0.0	0.25	0.0	1.0	0.5	284	0.0	0.233	0.0	28.7	41.2	-33.1	52.9	321.1	0.0	0.233	0.0	28.7	41.2	-33.1	52.9	
35/251	B38M_100_100d	0.0	0.375	0.0	1.0	0.5	292	0.0	0.366	0.0	32.5	51.2	-26.5	57.7	332.6	0.0	0.366	0.0	32.5	51.2	-26.5	57.7	
36/332	B50M_100_100d	0.0	0.5	0.0	1.0	0.5	300	0.0	0.5	0.0	35.6	58.6	-20.7	62.1	340.5	0.0	0.5	0.0	35.6	58.6	-20.7	62.1	
37/413	B63M_100_100d	0.0	0.625	0.0	1.0	0.5	308	0.0	0.633	0.0	38.3	65.8	-13.7	67.2	348.2	0.0	0.633	0.0	38.3	65.8	-13.7	67.2	
38/494	B75M_100_100d	0.0	0.75	0.0	1.0	0.5	316	0.0	0.766	0.0	42.1	71.6	-8.7	72.1	353.0	0.0	0.766	0.0	42.1	71.6	-8.7	72.1	
39/575	B88M_100_100d	0.0	0.875	0.0	1.0	0.5	323	0.0	0.883	0.0	44.3	75.4	-4.7	75.6	356.3	0.0	0.883	0.0	44.3	75.4	-4.7	75.6	
40/656	M00R_100_100d	1.0	0.0	1.0	1.0	0.5	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	
41/655	M13R_100_100d	1.0	0.0	0.875	1.0	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	3.8	78.4	
42/654	M25R_100_100d	1.0	0.0	0.75	1.0	0.5	344	1.0	0.0	0.766	45.9	77.3	8.0	77.7	5.9	1.0	0.0	0.766	45.9	77.3	8.0	77.7	
43/653	M38R_100_100d	1.0	0.0	0.625	1.0	0.5	352	1.0	0.0	0.633	46.0	75.7	14.4	77.1	10.8	1.0	0.0	0.633	46.0	75.7	14.4	77.1	
44/652	M50R_100_100d	1.0	0.0	0.5	1.0	0.5	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9	1.0	0.0	0.5	45.9	74.2	21.1	77.1	
45/651	M63R_100_100d	1.0	0.0	0.375	1.0	0.5	368	1.0	0.0	0.366	45.8	72.9	28.7	78.4	21.5	1.0	0.0	0.366	45.8	72.9	28.7	78.4	
46/650	M75R_100_100d	1.0	0.0	0.25	1.0	0.5	376	1.0	0.0	0.233	45.6	72.1	35.3	80.3	26.1	1.0	0.0	0.233	45.6	72.1	35.3	80.3	
47/649	M88R_100_100d	1.0	0.0	0.125</																			



TUB material: code=rha4ta
ny0 (CMY0)

input: $rgb/cmyk \rightarrow rgbd$
output: transfer to $cmy\theta_d$

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

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

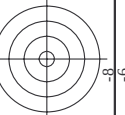
n/	HIC ^{Fe} _d	h ₉ ^{Fe} _d	rgb ^{Fe} _d		LabCh ^{Fe} _d		rgb ^{Fe} _d		LabCh ^{Fe} _d		DB ^{Fe} _d		h _{ax,d}		rgb ^{Fe} _d		LabCh ^{Fe} _d		32.3
			1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.666	R00Y_100_100d	390	1.0	0.0	0.0	45.4	70.9	44.8	83.9	32.3	44.8	83.9	32.3	44.8	83.9	32.3	44.8	83.9	32.3
1/1648	R25Y_100_100d	44	1.0	0.233	0.0	53.0	53.4	54.8	76.5	45.7	55.5	76.0	46.8	1.7	42	1.0	0.233	0.0	53.0
3/702	R50Y_100_100d	44	1.0	0.5	0.0	64.9	28.9	68.6	74.5	67.1	84.0	74.5	67.1	0.0	59	1.0	0.5	0.0	64.9
4/720	R75Y_100_100d	76	1.0	0.766	0.0	78.6	4.3	84.7	84.8	87.0	83.8	84.0	86.2	1.6	77	1.0	0.766	0.0	78.6
5/558	Y00G_100_100d	90	1.0	1.0	0.0	87.8	-10.2	95.4	96.0	96.1	1.0	0.0	89	1.0	89	1.0	1.0	0.0	87.8
6/396	Y25G_100_100d	104	0.766	1.0	0.0	81.2	-17.0	84.3	86.0	101.4	83.5	85.3	101.8	1.0	102	0.766	1.0	0.0	81.2
7/234	Y50G_100_100d	120	0.5	1.0	0.0	70.6	-29.7	65.8	72.8	114.0	66.5	72.8	114.0	0.0	119	0.5	1.0	0.0	70.6
8/72	G00B_100_100d	150	0.0	1.0	0.0	57.9	-65.0	29.6	71.4	155.5	0.0	58.4	-47.3	46.8	137	0.233	1.0	0.0	57.9
9/76	G00B_100_100d	150	0.0	1.0	0.0	50.0	-65.0	29.6	71.4	155.5	0.0	50.0	-65.0	29.6	149	0.0	1.0	0.0	50.0
10/76	G25B_100_100d	180	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189.3	0.0	52.9	-48.6	-8.0	149	0.0	1.0	0.5	52.9
11/180	G50B_100_100d	240	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238.4	0.0	56.8	-25.5	-41.5	210	0.0	1.0	1.0	56.8
12/124	G75B_100_100d	240	0.0	0.5	1.0	41.7	-1.2	-40.6	40.6	268.2	0.0	41.7	-1.2	-40.6	240	0.0	0.5	1.0	41.7
13/138	B00M_100_100d	270	0.0	1.0	0.5	29.0	29.5	-40.4	50.0	306.2	0.0	29.0	29.5	-40.4	270	0.0	1.0	0.5	29.0
14/332	B25R_100_100d	300	0.5	0.0	1.0	35.6	58.6	-20.7	62.1	340.5	0.0	35.6	58.6	-20.7	300	0.5	0.0	1.0	35.6
15/652	B50R_100_100d	330	1.0	0.0	1.0	46.1	79.3	-0.2	79.3	359.8	0.0	46.1	79.3	-0.2	330	1.0	0.0	1.0	46.1
16/688	R00Y_100_050d	360	1.0	0.0	0.5	45.9	74.2	21.1	77.1	15.9	0.0	45.9	74.2	21.1	360	1.0	0.0	0.5	45.9
17/688	R00Y_100_050d	390	1.0	0.0	0.5	45.4	70.9	44.8	83.9	32.3	44.8	83.9	32.3	44.8	389	1.0	0.0	0.5	45.4
18/906	R00Y_100_050d	390	1.0	0.5	0.5	68.0	29.9	28.7	41.5	43.8	8.7	38.9	41.5	43.8	389	1.0	0.0	0.5	68.0
19/734	Y00G_100_050d	90	1.0	0.75	0.5	80.2	-5.1	47.7	48.0	96.1	1.0	80.2	-5.1	47.7	59	1.0	0.75	0.5	80.2
20/734	Y00G_100_050d	90	1.0	0.5	0.5	83.1	-14.8	33.2	36.4	114.0	0.75	83.1	-14.1	31.9	89	1.0	0.5	0.5	83.1
21/562	Y00G_100_050d	0.75	1.0	0.5	0.5	72.8	-32.5	14.8	35.7	155.5	0.5	72.8	-32.5	14.8	149	1.0	0.5	0.5	72.8
22/404	G00B_100_050d	0.5	1.0	0.5	0.5	76.2	-12.7	-20.7	24.3	238.4	0.5	76.2	-11.6	-18.3	210	1.0	0.5	0.5	76.2
23/404	G00B_100_050d	0.5	1.0	0.5	0.5	60.3	14.7	-20.2	25.0	306.2	0.5	60.3	14.7	-20.2	270	1.0	0.5	0.5	60.3
25/692	B50R_100_050d	1.0	0.5	0.5	0.5	70.8	39.6	-0.1	39.6	359.8	1.0	70.8	39.6	-0.1	360	1.0	0.5	0.5	70.8
26/688	R00Y_100_050d	1.0	0.5	0.5	0.5	70.5	35.4	22.4	41.9	32.3	28.7	41.5	43.8	8.7	389	1.0	0.0	0.5	70.5
27/506	R00Y_075_050d	0.75	0.75	0.25	0.25	52.7	35.4	22.4	41.9	32.3	0.75	52.7	35.4	22.4	389	0.75	0.25	0.25	52.7
28/524	R50Y_075_050d	0.75	0.75	0.5	0.25	62.4	14.4	34.3	37.2	67.1	0.75	62.4	14.4	34.3	59	0.75	0.5	0.25	62.4
29/542	Y00G_075_050d	0.75	0.75	0.75	0.25	73.9	-5.1	47.7	48.0	96.1	0.75	73.9	-5.1	47.7	89	0.75	0.75	0.25	73.9
30/380	Y50G_075_050d	0.5	0.75	0.75	0.25	65.3	-14.8	33.2	36.4	114.0	0.5	65.3	-12.6	35.5	119	0.5	0.75	0.25	65.3
31/218	G00B_075_050d	0.25	0.75	0.75	0.25	55.0	-32.5	14.8	35.7	155.5	0.25	55.0	-27.9	21.7	35.3	0.25	0.75	0.25	55.0
32/222	G50B_075_050d	0.25	0.75	0.75	0.25	58.4	-12.7	-20.7	24.3	238.4	0.25	58.4	-14.3	-16.3	21.7	0.25	0.75	0.25	58.4
33/186	B00R_075_050d	0.25	0.75	0.75	0.25	42.5	14.7	-20.2	25.0	306.2	0.25	42.5	18.9	-20.4	27.9	0.25	0.75	0.25	42.5
34/510	B50R_075_050d	0.75	0.25	0.75	0.25	53.0	39.6	-0.1	39.6	359.8	0.75	53.0	44.4	0.6	48	0.25	0.75	0.25	53.0
35/506	R00Y_075_050d	0.75	0.25	0.75	0.25	52.7	35.4	22.4	41.9	32.3	0.75	52.7	35.4	22.4	389	0.75	0.25	0.75	52.7
36/324	R00Y_050_050d	0.5	0.0	0.5	0.25	34.9	35.4	22.4	41.9	32.3	0.5	34.9	35.4	22.4	389	0.5	0.0	0.5	34.9
37/342	R50Y_050_050d	0.5	0.5	0.25	0.25	44.6	14.4	34.3	37.2	67.1	0.5	44.6	14.4	34.3	59	0.5	0.25	0.25	44.6
38/360	Y00G_050_050d	0.5	0.5	0.5	0.25	56.1	-5.1	47.7	48.0	96.1	0.5	56.1	-5.1	47.7	89	0.5	0.5	0.25	56.1
39/198	Y50G_050_050d	0.25	0.5	0.5	0.25	47.4	-14.8	33.2	36.4	114.0	0.25	47.4	-14.1	31.9	119	0.25	0.5	0.25	47.4
40/36	G00B_050_050d	0.0	0.5	0.5	0.25	40.5	-32.5	14.8	35.7	155.5	0.0	40.5	-36.4	15.2	39.5	0.0	0.5	0.25	40.5
41/40	G50B_050_050d	0.0	0.5	0.5	0.25	41.0	-12.7	-20.7	24.3	238.4	0.0	41.0	-21.5	-13.3	25.3	0.0	0.5	0.25	41.0
42/4	B00R_050_050d	0.0	0.5	0.5	0.25	24.7	14.7	-20.2	25.0	306.2	0.0	24.7	11.6	-18.9	22.1	0.0	0.5	0.25	24.7
43/328	B50R_050_050d	0.5	0.0	0.5	0.25	35.2	39.6	-0.1	39.6	359.8	0.5	35.2	49.8	0.6	49.8	0.5	0.0	0.5	35.2
44/324	R00Y_050_050d	0.5	0.0	0.5	0.25	34.9	35.4	22.4	41.9	32.3	0.5	34.9	35.4	22.4	389	0.5	0.0	0.5	34.9
45/0	NW_000d	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	360	0.0	0.0	0.0	24.3
46/0	NW_013d	0.0	0.125	0.125	0.125	33.2	0.0	0.0	0.0	0.0	0.125	33.2	0.0	0.0	360	0.125	0.125	0.125	33.2
47/182	NW_013d	0.25	0.25	0.25	0.25	41.1	0.0	0.0	0.0	0.0	0.25	41.1	0.0	0.0	360	0.25	0.25	0.25	41.1
48/273	NW_038d	0.375	0.375	0.375	0.375	51.0	0.0	0.0	0.0	0.0	0.375	51.0	0.0	0.0	360	0.375	0.375	0.375	51.0
49/364	NW_053d	0.5	0.5	0.5	0.5	60.0	0.0	0.0	0.0	0.0	0.5	60.0	0.0	0.0	360	0.5	0.5	0.5	60.0
50/545	NW_063d	0.625	0.625	0.625	0.625	68.0	0.0	0.0	0.0	0.0	0.625	68.0	0.0	0.0	360	0.625	0.625	0.625	68.0
51/546	NW_075d	0.75	0.75	0.75	0.75	77.8	0.0	0.0	0.0	0.0	0.75	77.8	0.0	0.0	360	0.75	0.75	0.75	77.8
52/637	NW_088d	0.875	0.875	0.875	0.875	86.7	0.0	0.0	0.0	0.0	0.875	86.7	0.0	0.0	360	0.875	0.875	0.875	86.7
53/728	NW_100d	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0	0.0	1.0	95.6	0.0	0.0	360	1.0	1.0	1.0	95.6

Mean color difference of this page: delta E* = 5.0

Mean color difference of this page:

$$\Delta E^* = 5.0$$

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



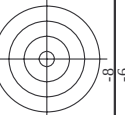
TUB material: code=rha4ta
ny0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0*

Page 11/22-F

1-0031031-F0

[illegible]



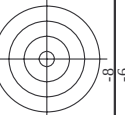
TUB material: code=rha4ta
ny0 (CMY0)

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

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

PE470-7N, Page 12/22-F

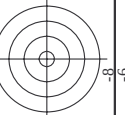
[illegible]



TUB material: code=rha4ta
ny0 (CMY0)

input: *rgb/cmyk* → *rgbd*
output: transfer to *cmy0d*

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



TUB material: code=rha4ta
ny0 (CMY0)

input: *rgb/cmyk* → *rgb*
output: transfer to *cmy0d*

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

PE470-7N, Page 15

n	HIC ^{Fr} _{id}	rgb^{Fr}_{id}	lcr^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr}_{id}$	rgb^{Fr}_{id}	$LabCh^{Fr}_{id}$	DE^{Fr}_{id}	$h_{\alpha}^{Fr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see similar files: <http://130.149.60.45/~farbmetrik/PE47/PE47.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

http://130.149.60.45/~farbmatrik/PE47/PE47LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 17/22

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

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

[illegible]



TUB material: code=rha4ta
ny0 (CMY0)

TUB material: code=rha4ta
ny0 (CMY0)

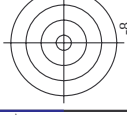
TUB-test chart PE47; standard test chart colors and differences, ΔE^* , 3D=0, de=0, cmv0

-0031731-E0

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

[illegible]

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/~farbmetrik/PE47/PE47L0NP.PDF> /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 22/22

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

n	H1C*Fid	rgb_Fid	ic1_Fid	h1a_Fid	rgb**Fid	LabCh**Fid	h1a**Fid	LabCh**Fid	rgb**Fid	DF**Fid	h1a**d	rgb**Md	LabCh**Md
1053	10534	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	3.7	360	1.0	956
1054	10544	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	1.5	360	1.0	956
1055	10554	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	71.6	360	1.0	956
1056	10564	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	360	1.0	956
1057	10574	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	1.1	360	1.0	956
1058	10584	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	6.7	360	1.0	956
1059	10594	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	22.4	360	1.0	956
1060	10604	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	30.4	360	1.0	956
1061	10614	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	44.7	360	1.0	956
1062	10624	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	51.6	360	1.0	956
1063	10634	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	62.3	360	1.0	956
1064	10644	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	81.3	360	1.0	956
1065	10654	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	95.7	360	1.0	956
1066	10664	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	101	360	1.0	956
1067	10674	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	115.5	360	1.0	956
1068	10684	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	133	360	1.0	956
1069	10694	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	145	360	1.0	956
1070	10704	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	156.7	360	1.0	956
1071	10714	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	171.7	360	1.0	956
1072	10724	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184.4	360	1.0	956
1073	10734	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	210	360	1.0	956
1074	10744	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	238.4	360	1.0	956
1075	10754	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	266.6	360	1.0	956
1076	10764	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	295.0	360	1.0	956
1077	10774	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	323.4	360	1.0	956
1078	10784	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	351.8	360	1.0	956
1079	10794	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	380.2	360	1.0	956

Mean color difference of this page:

delta E** = 5.8

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