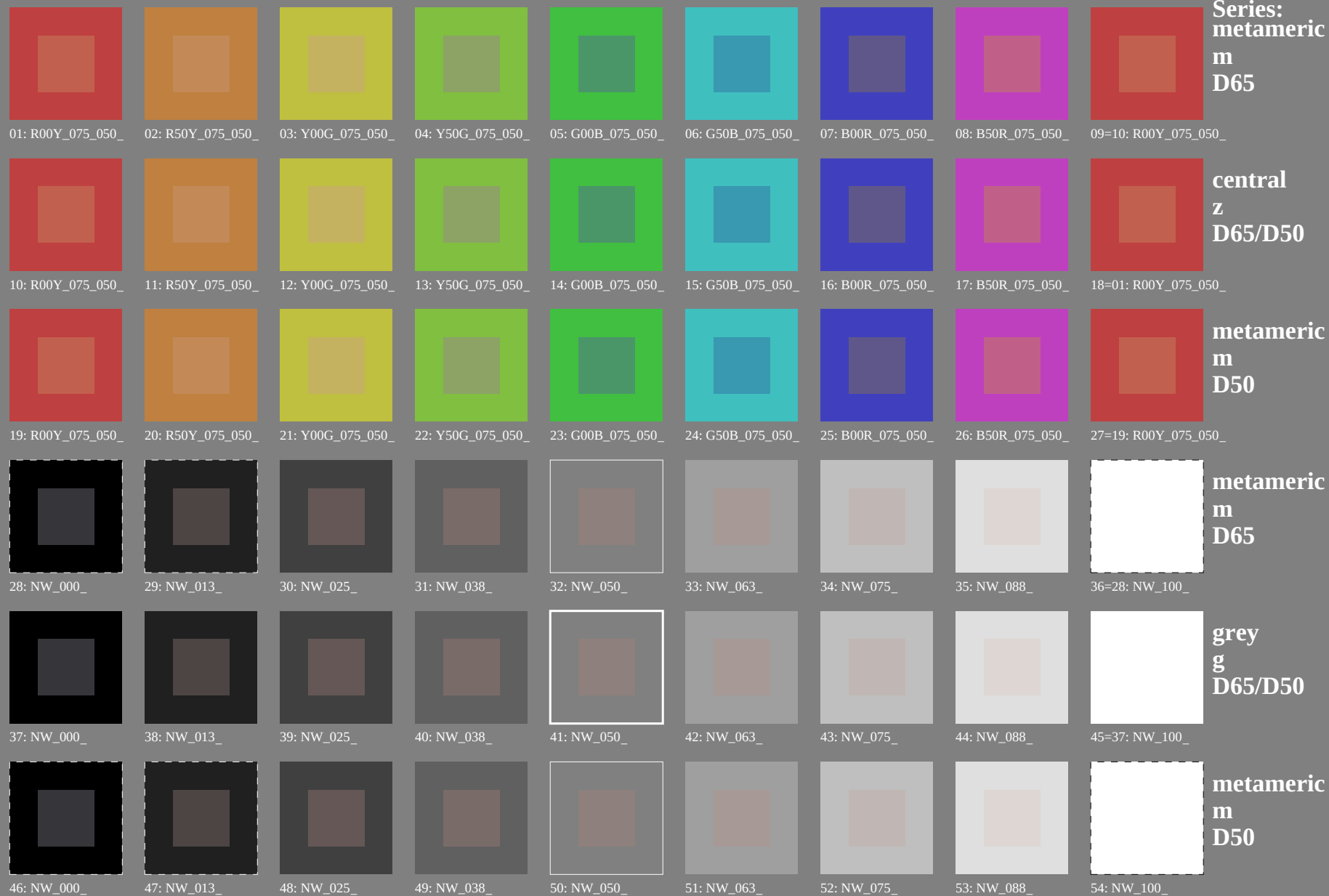


Test chart 2 for color rendering: metameric colours D65 and D50; offset print (*CMY0*)

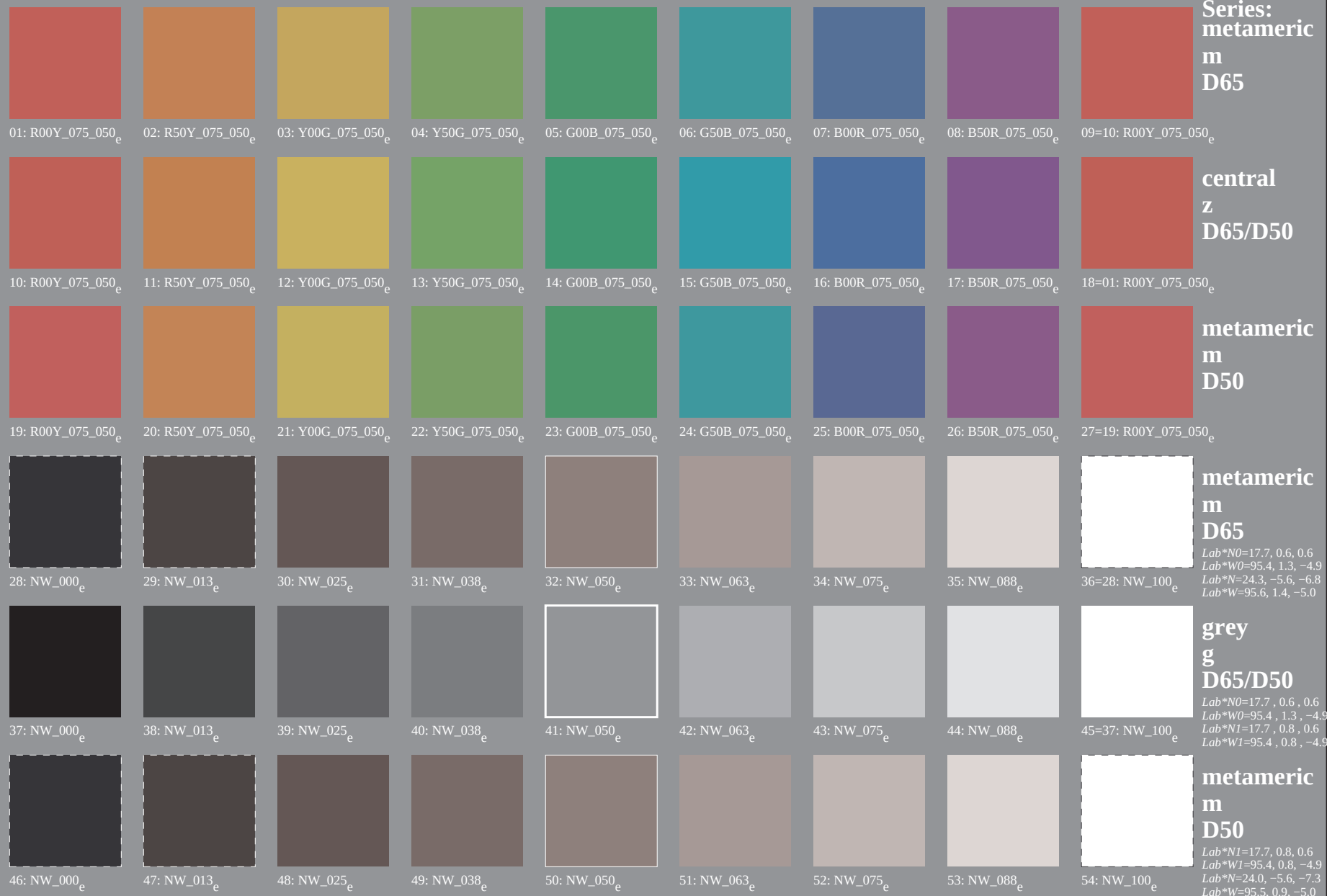


see similar files: <http://130.149.60.45/~farbmetrik/PE28/PE28L0NP.PDF> /.PS; start output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE28/PE28L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

Test chart 2 for color rendering: metameric colours D65 and D50; offset print (CMY0); $rgb \rightarrow rgb_e$



$$\begin{array}{r} -8 \\ \hline -6 \\ \hline \end{array}$$

-8
-6

+ 8

 - 6

54 colours; metameric for D65&D50, 3D=0, de=1, *cmy0*

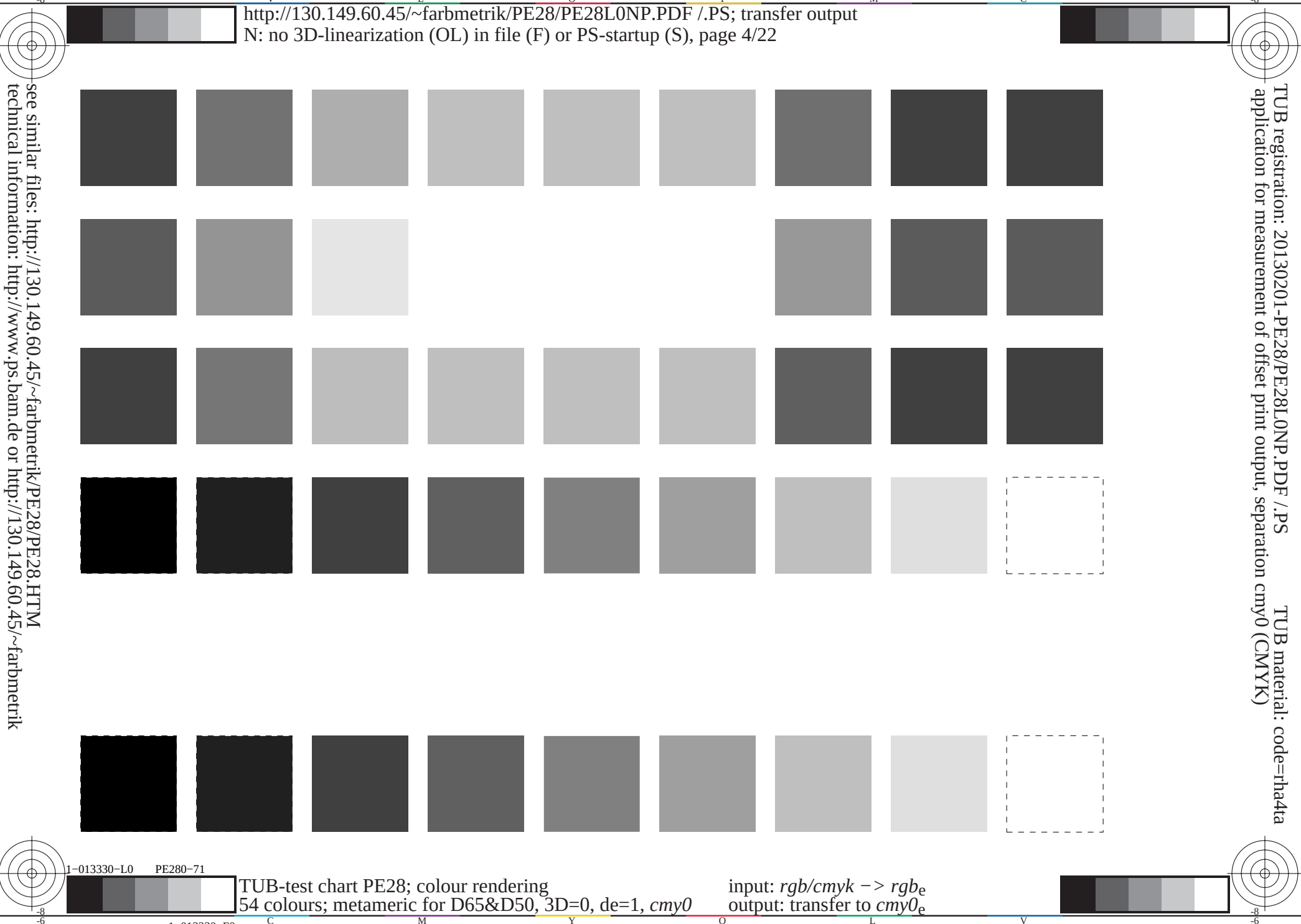
output: transfer to $cm\bar{y}0_e$

see similar files: <http://130.149.60.45/~farbmatrik/PE28/PE28.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

TUB registration: 20130201-PE28/PE28L0NP.PDF /.PS TUB material: code=rh4ta
+ application for measurement of offset print output, separation cmy0 (CMYK)

TUB-test chart PE28; colour rendering
54 colours; metameric for D65&D50, $3D=0$, $de=1$, $cmY0$

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$

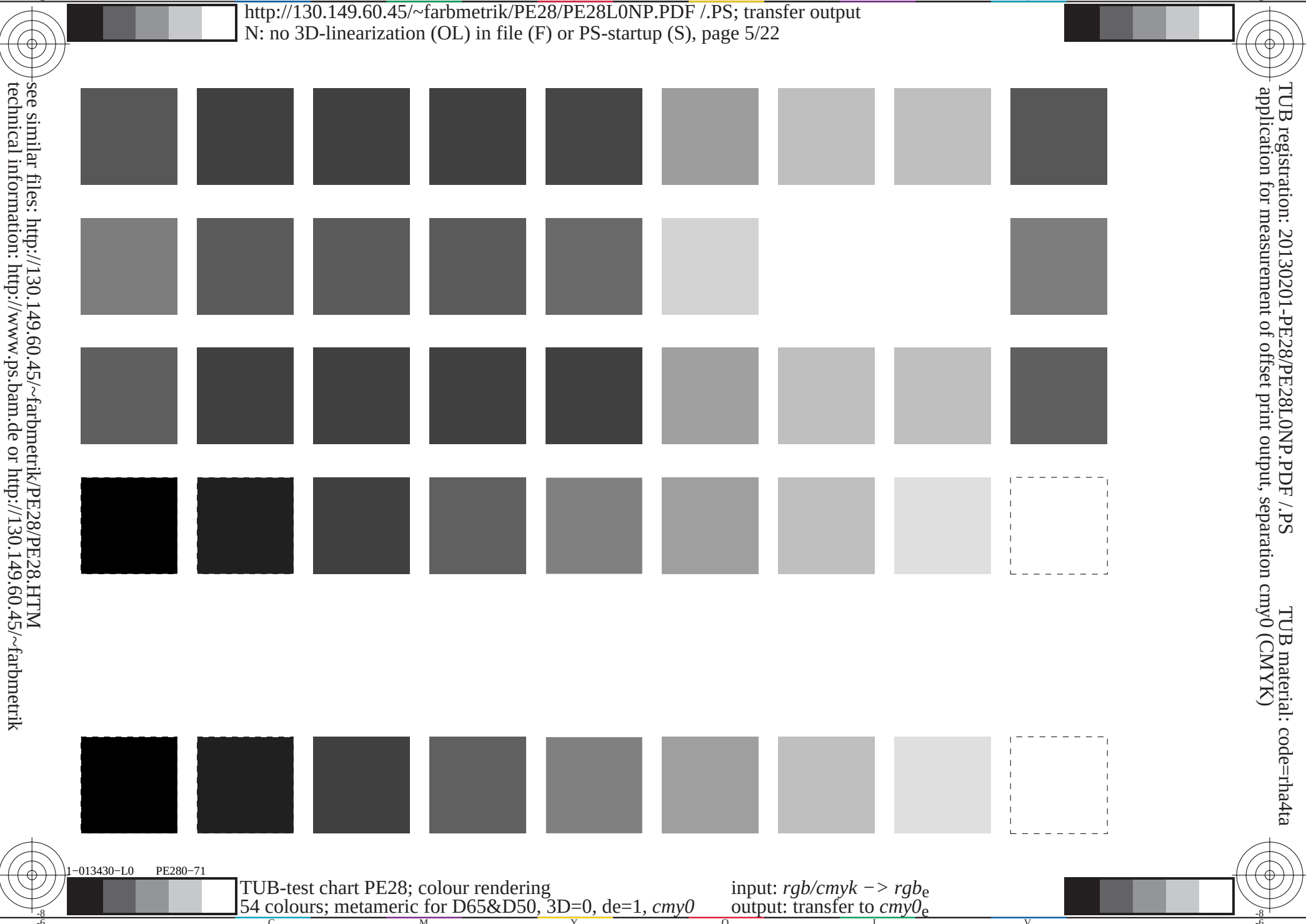


see similar files: <http://130.149.60.45/~farbmeterik/PE28/PE28.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

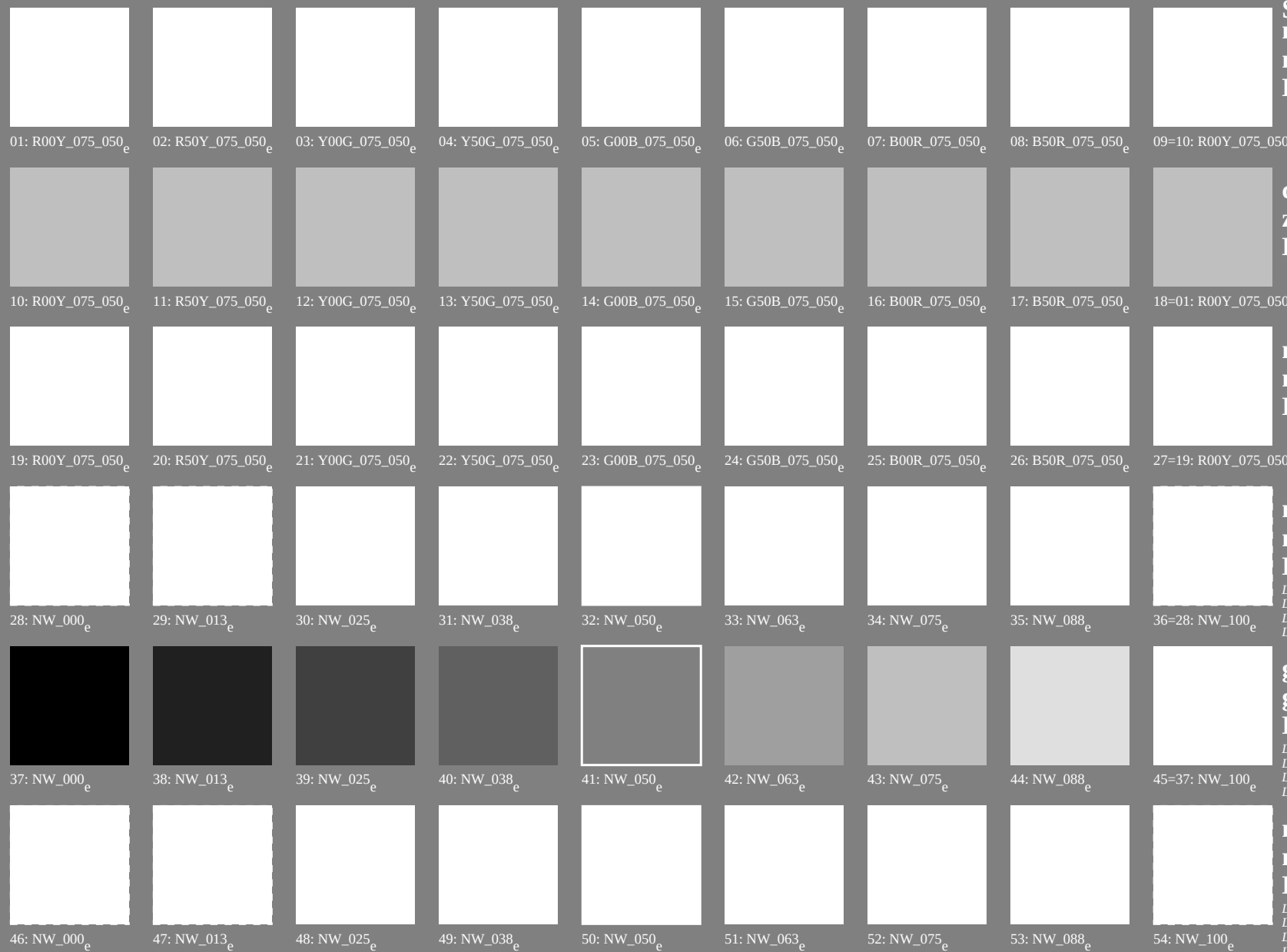
TUB registration: 20130201-PE28/PE28L0NP.PDF /.PS TUB material: code=rh4ta
+ application for measurement of offset print output, separation cmy0 (CMYK)

TUB-test chart PE28; colour rendering
54 colours; metameric for D65&D50, 3D=0, de=1, *cm*y0

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$



Test chart 2 for color rendering: metameric colours D65 and D50; offset print (CMY0); $rgb \rightarrow rgb_e$



Series:
metameric
m
D65

central
z
D65/D50

metameric
m
D50

metameric
m
D65

$Lab^*N0=17.7, 0.6, 0.6$
 $Lab^*W0=95.4, 1.3, -4.9$
 $Lab^*N=24.3, -5.6, -6.8$
 $Lab^*W=95.6, 1.4, -5.0$

grey
g
D65/D50

$Lab^*N0=17.7, 0.6, 0.6$
 $Lab^*W0=95.4, 1.3, -4.9$
 $Lab^*N1=17.7, 0.8, 0.6$
 $Lab^*W1=95.4, 0.8, -4.9$

metameric
m
D50

$Lab^*N1=17.7, 0.8, 0.6$
 $Lab^*W1=95.4, 0.8, -4.9$
 $Lab^*N=24.0, -5.6, -7.3$
 $Lab^*W=95.5, 0.9, -5.0$

see similar files: <http://130.149.60.45/~farbmetrik/PE28/PE28L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE28/PE28L0NP.PDF /.PS
application for measurement of offset print output, separation $cmYK$ (CMYK)

TUB material: code=rha4ta

n	HIC*Fe	rgb_Fe	icr_Fe	hsa_Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hsa*Fe	rgb*Fe	LabCh*Fe
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n/f	HC*Fe	rgb_Fe	ic*_Fe	hs*_Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs*Fe	rgb*Me	LabCH*Me	DF*Me	hs*Me	rgb*Me	LabCH*Me	DF*Me	hs*Me
0/648	R25Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100e	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
2/684	R50Y_100_100e	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
3/702	R75Y_100_100e	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
4/720	Y00C_100_100e	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
5/738	Y25C_100_100e	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
6/756	Y50C_100_100e	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
7/774	Y75C_100_100e	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
8/792	G00B_100_100e	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
9/792	G00B_100_100e	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
10/76	G25B_100_100e	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
11/840	G50B_100_100e	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
12/840	G75B_100_100e	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
13/8	B00M_100_100e	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
14/332	B25R_100_100e	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
15/656	B50R_100_100e	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
16/656	B75R_100_100e	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
17/648	R00Y_100_100e	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
18/706	R00Y_100_100e	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
19/608	R50Y_100_100e	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
20/724	Y00C_100_100e	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
21/560	Y25C_100_100e	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
22/460	Y50C_100_100e	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
23/468	Y75C_100_100e	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
25/692	B50R_100_100e	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
26/688	R00Y_100_100e	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
27/506	R00Y_075_050e	0.75	0.25	0.75	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
28/524	R50Y_075_050e	0.75	0.25	0.75	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
29/542	Y00C_075_050e	0.75	0.25	0.75	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
30/218	Y50C_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31/218	G00B_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
32/222	G50B_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
33/186	B00R_075_050e	0.25	0.75	0.25	0.75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
34/510	B50R_075_050e	0.75	0.25	0.75	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
35/506	R00Y_075_050e	0.75	0.25	0.75	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
36/324	R00Y_050_050e	0.5	0.0	0.0	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
37/342	R50Y_050_050e	0.5	0.0	0.0	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
38/360	Y00C_050_050e	0.5	0.0	0.0	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
39/198	Y50C_050_050e	0.25	0.5	0.0	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
40/36	G00B_050_050e	0.0	0.5	0.0	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
41/40	G50B_050_050e	0.0	0.5	0.0	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
42/4	B00R_050_050e	0.0	0.5	0.0	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
43/328	B50R_050_050e	0.5	0.0	0.0	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
44/324	R00Y_050_050e	0.5	0.0	0.0	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
45/0	NW_00e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/91	NW_01e	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	0.125	0.125
47/182	NW_02e	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	0.25	0.25
48/273	NW_03e	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	0.375	0.375
49/364	NW_04e	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	0.5	0.5
50/455	NW_05e	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	0.625	0.625
51/546	NW_06e	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	0.75	0.75
52/637	NW_07e	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	0.875	0.875
53/728	NW_10e	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	1.0	1.0

Mean color difference of this page: delta E* = 12.3

see similar files: <http://130.149.60.45/~farbmatrik/PE28/PE28.HTM>
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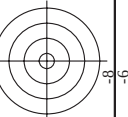
TUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmy0

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

[illegible]

n	H1C*Fe	rgb*Fe	ic1*Fe	hs1*Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	rgb*Fe	DF*Fe	hsM*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hsM*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hsM*Fe
162	R00Y.025.025*	0.25	0.0	0.25	0.25	0.125	360	0.237	0.0	0.052	25.1	16.2	7.7	17.9	35.0	27.4	14.4	20.2
163	R00Y.025.025*	0.25	0.0	0.125	0.25	0.125	360	0.237	0.0	0.052	25.1	16.2	7.7	17.9	35.0	27.4	14.4	20.2
164	B50R.025.025*	0.25	0.0	0.125	0.25	0.125	360	0.237	0.0	0.052	25.1	16.2	7.7	17.9	35.0	27.4	14.4	20.2
165	B34R.037.037*	0.25	0.0	0.375	0.375	0.187	311	0.076	0.0	0.375	22.6	12.3	-7.5	14.4	328.6	28.1	20.2	44.2
166	B25R.050.050*	0.25	0.0	0.5	0.5	0.25	300	0.022	0.0	0.5	22.2	13.3	-22.9	26.4	300.1	25.7	20.2	44.2
167	B19R.062.062*	0.25	0.0	0.625	0.625	0.312	293	0.0037	0.0	0.625	23.4	12.8	-29.5	32.2	289.7	30.1	25.7	44.2
168	B15R.087.087*	0.25	0.0	0.75	0.75	0.375	289	0.0	0.1	0.75	26.1	12.6	-35.2	37.4	286.7	34.2	29.0	44.2
169	B13R.087.087*	0.25	0.0	0.875	0.875	0.437	286	0.0	0.152	0.875	28.8	12.4	-40.9	42.7	289.7	36.4	31.6	44.2
170	B11R.100.100*	0.25	0.0	1.0	1.0	0.5	284	0.0	0.207	1.0	31.5	12.4	-46.5	48.2	285.0	38.5	36.2	44.2
171	R50Y.025.025*	0.25	0.0	0.25	0.25	0.125	60	0.25	0.001	0.0	28.3	8.9	14.7	17.2	58.8	35.0	22.2	20.2
172	B50R.025.012*	0.25	0.0	0.125	0.125	0.062	390	0.25	0.124	0.151	29.1	8.1	3.7	7.2	328.6	34.6	9.7	8.7
173	B50R.025.012*	0.25	0.0	0.125	0.125	0.062	390	0.25	0.124	0.151	29.1	8.1	3.7	7.2	328.6	34.6	9.7	8.7
174	B25R.037.025*	0.25	0.0	0.375	0.375	0.187	330	0.175	0.124	0.375	29.6	6.6	-11.4	13.2	300.1	33.0	16.1	16.1
175	B15R.050.037*	0.25	0.0	0.5	0.5	0.375	312	0.124	0.175	0.5	31.6	6.3	-17.6	18.7	289.7	36.0	16.1	16.1
176	B11R.062.050*	0.25	0.0	0.625	0.625	0.437	284	0.125	0.225	0.625	34.3	6.2	-23.2	24.1	285.0	36.1	16.1	16.1
177	B09R.075.062*	0.25	0.0	0.75	0.75	0.625	284	0.125	0.276	0.75	37.0	6.2	-28.8	29.4	281.0	36.1	16.1	16.1
178	B07R.087.075*	0.25	0.0	0.875	0.875	0.75	279	0.125	0.325	0.875	39.6	6.2	-34.5	35.0	280.2	36.1	16.1	16.1
179	B06R.100.087*	0.25	0.0	1.0	1.0	0.875	278	0.125	0.369	1.0	42.0	6.6	-40.2	40.8	279.3	36.1	16.1	16.1
180	Y00C.025.012*	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	-0.8	21.9	21.9	92.3	40.6	6.2	8.1
181	Y00C.025.012*	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	-0.8	21.9	21.9	92.3	40.6	6.2	8.1
182	Y00C.025.012*	0.25	0.0	0.25	0.25	0.125	90	0.25	0.21	0.0	34.0	-0.8	21.9	21.9	92.3	40.6	6.2	8.1
183	B00R.037.012*	0.25	0.0	0.375	0.375	0.187	360	0.249	0.296	0.375	39.6	0.0	-5.6	5.6	271.7	42.9	2.9	-7.7
184	B00R.062.037*	0.25	0.0	0.625	0.625	0.375	270	0.249	0.343	0.625	44.7	0.3	-11.3	11.3	271.7	42.9	2.9	-7.7
185	B00R.062.037*	0.25	0.0	0.625	0.625	0.375	270	0.249	0.343	0.625	44.7	0.3	-11.3	11.3	271.7	42.9	2.9	-7.7
186	B00R.075.037*	0.25	0.0	0.75	0.75	0.437	270	0.25	0.39	0.625	47.7	0.3	-11.3	11.3	271.7	42.9	2.9	-7.7
187	B00R.075.037*	0.25	0.0	0.75	0.75	0.437	270	0.25	0.39	0.625	47.7	0.3	-11.3	11.3	271.7	42.9	2.9	-7.7
188	B00R.100.075*	0.25	0.0	1.0	1.0	0.875	270	0.25	0.437	0.875	50.7	0.6	-12.7	12.7	271.7	42.9	2.9	-7.7
189	Y10C.037.037*	0.25	0.0	0.375	0.375	0.187	300	0.193	0.375	0.0	38.5	-11.5	25.2	27.7	114.4	40.6	6.2	8.1
190	Y10C.037.037*	0.25	0.0	0.375	0.375	0.187	300	0.193	0.375	0.0	38.5	-11.5	25.2	27.7	114.4	40.6	6.2	8.1
191	G50B.037.012*	0.25	0.0	0.375	0.375	0.187	312	0.206	0.375	0.124	39.4	-4.3	26.6	28.8	162.2	42.9	2.9	-7.7
192	G50B.037.012*	0.25	0.0	0.375	0.375	0.187	312	0.206	0.375	0.124	39.4	-4.3	26.6	28.8	162.2	42.9	2.9	-7.7
193	G75B.050.025*	0.25	0.0	0.5	0.5	0.375	240	0.249	0.446	0.5	45.9	-4.2	-11.0	12.2	244.3	42.9	2.9	-7.7
194	G84B.050.025*	0.25	0.0	0.625	0.625	0.437	240	0.249	0.446	0.5	45.9	-4.2	-11.0	12.2	244.3	42.9	2.9	-7.7
195	G88B.075.050*	0.25	0.0	0.75	0.75	0.5	256	0.25	0.521	0.75	50.5	-4.1	-22.4	22.9	258.9	42.9	2.9	-7.7
196	G90B.087.062*	0.25	0.0	0.875	0.875	0.625	259	0.25	0.567	0.875	53.0	-4.1	-28.1	28.4	261.6	42.9	2.9	-7.7
197	G92B.100.075*	0.25	0.0	1.0	1.0	0.875	261	0.25	0.613	1.0	55.5	-3.8	-33.8	34.0	263.1	42.9	2.9	-7.7
198	Y50C.050.050*	0.25	0.0	0.5	0.5	0.375	210	0.163	0.5	0.124	42.9	-20.7	16.2	25.3	162.2	42.9	2.9	-7.7
199	Y68C.050.037*	0.25	0.0	0.625	0.625	0.437	131	0.194	0.5	0.273	45.8	-19.4	16.2	25.3	162.2	42.9	2.9	-7.7
200	G00B.050.025*	0.25	0.0	0.375	0.375	0.187	310	0.249	0.5	0.375	50.5	-4.1	-22.4	22.9	258.9	42.9	2.9	-7.7
201	G25B.050.025*	0.25	0.0	0.375	0.375	0.187	310	0.249	0.5	0.375	50.5	-4.1	-22.4	22.9	258.9	42.9	2.9	-7.7
202	G35B.050.025*	0.25	0.0	0.5	0.5	0.375	210	0.249	0.5	0.375	50.5	-4.1	-22.4	22.9	258.9	42.9	2.9	-7.7
203	G65B.062.037*	0.25	0.0	0.625	0.625	0.437	229	0.25	0.625	0.615	52.6	-11.4	-15.9	19.5	244.3	42.9	2.9	-7.7
204	G75B.075.050*	0.25	0.0	0.75	0.75	0.5	240	0.25	0.642	0.75	54.3	-11.4	-22.0	24.4	244.3	42.9	2.9	-7.7
205	G80B.087.062*	0.25	0.0	0.875	0.875	0.625	247	0.25	0.661	0.875	56.6	-9.6	-27.7	29.4	250.7	42.9	2.9	-7.7
206	G84B.100.075*	0.25	0.0	1.0	1.0	0.875	251	0.25	0.701	1.0	59.0	-9.3	-33.4	34.7	254.3	42.9	2.9	-7.7
207	Y61C.062.062*	0.25	0.0	0.625	0.625	0.437	127	0.181	0.625	0.125	47.0	-30.1	29.6	42.2	135.4	42.9	2.9	-7.7
208	Y76C.062.050*	0.25	0.0	0.75	0.75	0.5	136	0.181	0.625	0.125	47.0	-30.1	29.6	42.2	135.4	42.9	2.9	-7.7
209	G00B.062.037*	0.25	0.0	0.625	0.625	0.437	150	0.25	0.625	0.384	50.1	-25.1	0.1	21.6	179.2	42.9	2.9	-7.7
210	G15B.062.037*	0.25	0.0	0.625	0.625	0.437	169	0.25	0.625	0.384	50.1	-25.1	0.1	21.6	179.2	42.9	2.9	-7.7
211	G30B.062.037*	0.25	0.0	0.625	0.625	0.437	191	0.25	0.625	0.46	51.2	-18.1	-6.4	19.2	199.6	42.9	2.9	-7.7
212	G40B.062.037*	0.25	0.0	0.625	0.625	0.437	210	0.25	0.625	0.525	51.7	-14.9	-11.2	18.6	216.9	42.9	2.9	-7.7
213	G61B.075.050*	0.25	0.0	0.75	0.75	0.5	224	0.25	0.704	0.75	57.1	-16.5	-19.5	25.6	229.7	42.9	2.9	-7.7
214	G75B.075.075*	0.25	0.0	1.0	1.0	0.875	233	0.25	0.841	0.875	61.7	-17.1	-27.4	32.3	237.9	42.9	2.9	-7.7
215	Y86C.075.075*	0.25	0.0	0.75	0.75	0.5	244	0.25	0.841	0.875	61.7	-17.1	-27.4	32.3	237.9	42.9	2.9	-7.7
216	Y86C.075.075*	0.25	0.0	0.75	0.75	0.5	244	0.25	0.841	0.875	61.7	-17.1	-27.4	32.3	237.9	42.9	2.9	-7.7
217	Y86C.075.075*	0.25	0.0	0.75	0.75	0.5	244	0.25	0.841	0.875	61.7	-17.1	-27.4	32.3	237.9	42.9	2.9	-7.7
218	Y86C.075.075*	0.25	0.0	0.75	0.75	0.5	244	0.25	0.841	0.875	61.7	-17.1	-27.4	32.3	237.9	42.9	2.9	-7.7
219	G15B.075.050*	0.25	0.0	0.625	0.625	0.437	184	0.25	0.75	0.396	54.5	-33.5	31.6	45.2	135.4	42.9	2.9	-7.7
220	G25B.075.050*	0.25	0.0	0.625	0.625	0.437	184	0.25	0.75	0.396	54.5	-33.5	31.6	45.2	135.4	42.9	2.9	-7.7
221	G38B.075.050*	0.25	0.0	0.75	0.75	0.5	196	0.25	0.75	0.48	55.6	-26.6	-4.5	26.9	189.0	42.9	2.9	-7.7
222	G50B.075.050*	0.25	0.0	0.75	0.75	0.5	210	0.25	0.75	0.553	56.1	-23.0	-10.3	25.2	204.3	42.9	2.9	-7.7
223	G50B.075.050*	0.25	0.0	0.75	0.75	0.5	210	0.25	0.75	0.553	56.1	-23.0	-10.3	25.2	204.3	42.9	2.9	-7.7
224	G50B.075.050*	0.25	0.0	0.75	0.75	0.5	210	0.25	0.75	0.553	56.1	-23.0	-10.3	25.2	204.3	42.9	2.9	-7.7
225	Y73C.087.087*	0.25	0.0	0.875	0.875	0.625	134	0.212	0.875	0.0	52.7	-47.4	35.0	58.9	194.3	42.9	2.9	-7.7
226	Y85C.087.075*	0.25	0.0	0.875	0.875	0.625	150	0.25	0.875	0.125	55.0	-46.9	25.4	53.3	151.7	42.9	2.9	-7.7
227	G00B.087.062*	0.25	0.0	0.875	0.875	0.625	161	0.25	0.875	0.125	55.0	-46.9	25.4	53.3	151.7	42.9	2.9	-7.7
228	G09B.087.062*	0.25	0.0	0.														

n	HiC-Fe	rgb-Fe	icL-Fe	hsa-Fe	rgb*Fe	LabCH*Fe	LabCH*Fe	DF*Fe	hsmFe	rgb*Fe	LabCH*Fe	LabCH*Fe											
243	R00Y_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	390	0.375 0.0 0.078	28.9	24.3	26.9	11.6	26.9	25.4	30.3	25.2	19.8	32.0	38.1	8.3	378	47.6	64.9	30.9	71.9	25.4
244	R10Y_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	391	0.375 0.0 0.247	29.0	26.0	26.1	19.9	26.1	26.1	30.3	25.2	19.8	32.0	38.1	8.3	378	47.6	64.9	30.9	71.9	25.4
245	B65R_037_037a	0.375 0.0 0.375	0.375 0.375 0.187	349	0.277 0.0 0.375	27.1	24.5	25.2	25.2	25.2	25.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
246	B65R_037_037a	0.375 0.0 0.375	0.375 0.375 0.187	349	0.277 0.0 0.375	27.1	24.5	25.2	25.2	25.2	25.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
247	B30R_060_050a	0.375 0.0 0.5	0.5 0.5 0.25	316	0.136 0.0 0.5	24.8	19.9	19.0	27.0	27.0	27.0	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
248	B30R_060_050a	0.375 0.0 0.5	0.5 0.5 0.25	316	0.136 0.0 0.5	24.8	19.9	19.0	27.0	27.0	27.0	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
249	B25R_087_075a	0.375 0.0 0.625	0.625 0.625 0.312	307	0.078 0.0 0.625	24.9	19.9	26.6	33.2	33.2	33.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
250	B25R_087_075a	0.375 0.0 0.625	0.625 0.625 0.312	307	0.078 0.0 0.625	24.9	19.9	26.6	33.2	33.2	33.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
251	B18R_100_100a	0.375 0.0 1.0	1.0 1.0 0.5	292	0.017 0.0 1.0	27.4	19.6	19.1	47.2	47.2	47.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
252	R31Y_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	49	0.078 0.0 0.125	27.4	19.6	19.1	47.2	47.2	47.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
253	R00Y_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	49	0.078 0.0 0.125	27.4	19.6	19.1	47.2	47.2	47.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
254	R00Y_037_037a	0.375 0.0 0.125	0.375 0.375 0.187	49	0.078 0.0 0.125	27.4	19.6	19.1	47.2	47.2	47.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
255	B50R_037_025a	0.375 0.125 0.375	0.375 0.25 0.25	360	0.362 0.124 0.375	34.8	17.8	7.2	14.4	14.4	14.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
256	B50R_037_025a	0.375 0.125 0.375	0.375 0.25 0.25	360	0.362 0.124 0.375	34.8	17.8	7.2	14.4	14.4	14.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
257	B34R_050_037a	0.375 0.125 0.375	0.375 0.25 0.25	311	0.201 0.124 0.375	31.7	12.3	7.5	14.4	14.4	14.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
258	B18R_062_050a	0.375 0.125 0.625	0.625 0.5 0.375	300	0.147 0.125 0.625	31.9	13.3	22.9	26.4	26.4	26.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
259	B18R_062_050a	0.375 0.125 0.625	0.625 0.5 0.375	300	0.147 0.125 0.625	31.9	13.3	22.9	26.4	26.4	26.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
260	B18R_087_075a	0.375 0.125 0.875	0.875 0.75 0.5	286	0.125 0.125 0.875	35.8	12.4	35.2	37.4	37.4	37.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
261	B18R_087_075a	0.375 0.125 0.875	0.875 0.75 0.5	286	0.125 0.125 0.875	35.8	12.4	35.2	37.4	37.4	37.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
262	R80Y_037_037a	0.375 0.25 0.1	0.375 0.375 0.187	71	0.375 0.185 0.1	36.2	8.9	14.7	17.2	17.2	17.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
263	R80Y_037_037a	0.375 0.25 0.1	0.375 0.375 0.187	71	0.375 0.185 0.1	36.2	8.9	14.7	17.2	17.2	17.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
264	B50R_037_012a	0.375 0.25 0.375	0.375 0.125 0.312	390	0.3 0.249 0.375	39.2	6.1	3.7	7.2	7.2	7.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
265	B50R_037_012a	0.375 0.25 0.375	0.375 0.125 0.312	390	0.3 0.249 0.375	39.2	6.1	3.7	7.2	7.2	7.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
266	B25R_060_025a	0.375 0.25 0.625	0.625 0.375 0.437	289	0.261 0.249 0.5	39.4	6.6	11.4	13.2	13.2	13.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
267	B18R_062_025a	0.375 0.25 0.875	0.875 0.5 0.375	284	0.25 0.35 0.75	44.0	6.2	38.2	24.1	24.1	24.1	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
268	B07R_100_075a	0.375 0.25 1.0	1.0 0.75 0.625	279	0.25 0.401 0.875	49.3	6.2	38.2	24.1	24.1	24.1	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
269	B07R_100_075a	0.375 0.25 1.0	1.0 0.75 0.625	279	0.25 0.401 0.875	49.3	6.2	38.2	24.1	24.1	24.1	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
270	Y00C_037_037a	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.315 0.0	42.1	-1.3	32.9	32.9	32.9	32.9	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
271	Y00C_037_037a	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.315 0.0	42.1	-1.3	32.9	32.9	32.9	32.9	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
272	NW_037a	0.375 0.375 0.375	0.375 0.125 0.312	90	0.375 0.335 0.249	45.3	-0.4	10.9	10.9	10.9	10.9	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
273	NW_037a	0.375 0.375 0.375	0.375 0.125 0.312	90	0.375 0.335 0.249	45.3	-0.4	10.9	10.9	10.9	10.9	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
274	B00R_050_012a	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.421 0.5	49.4	0.1	-5.6	5.6	5.6	5.6	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
275	B00R_050_012a	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.421 0.5	49.4	0.1	-5.6	5.6	5.6	5.6	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
276	B00R_050_012a	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.421 0.5	49.4	0.1	-5.6	5.6	5.6	5.6	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
277	B00R_050_012a	0.375 0.375 0.625	0.625 0.25 0.5	270	0.375 0.421 0.5	49.4	0.1	-5.6	5.6	5.6	5.6	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
278	B00R_100_060a	0.375 0.5 0.0	0.5 0.5 0.25	104	0.309 0.5 0.0	47.3	-12.7	37.9	40.0	40.0	40.0	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
279	Y23C_050_037a	0.375 0.5 0.125	0.5 0.375 0.312	109	0.331 0.5 0.124	48.3	-11.3	37.9	40.0	40.0	40.0	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
280	Y30C_050_037a	0.375 0.5 0.25	0.5 0.375 0.312	109	0.331 0.5 0.249	49.1	-10.3	37.9	40.0	40.0	40.0	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
281	G00B_050_012a	0.375 0.5 0.375	0.5 0.125 0.437	150	0.375 0.5 0.386	51.7	-4.9	3.7	6.8	6.8	6.8	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
282	G00B_050_012a	0.375 0.5 0.375	0.5 0.125 0.437	150	0.375 0.5 0.386	51.7	-4.9	3.7	6.8	6.8	6.8	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
283	G00B_050_012a	0.375 0.5 0.375	0.5 0.125 0.437	150	0.375 0.5 0.386	51.7	-4.9	3.7	6.8	6.8	6.8	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
284	G73B_062_025a	0.375 0.5 0.625	0.625 0.25 0.5	240	0.375 0.571 0.625	55.6	-5.7	57.7	4.6	4.6	4.6	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
285	G84B_075_037a	0.375 0.5 0.875	0.875 0.5 0.625	250	0.375 0.6 0.75	57.7	-4.6	16.7	17.3	17.3	17.3	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
286	G84B_075_037a	0.375 0.5 0.875	0.875 0.5 0.625	250	0.375 0.6 0.75	57.7	-4.6	16.7	17.3	17.3	17.3	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
287	G90B_100_060a	0.375 0.5 1.0	1.0 0.625 0.687	259	0.375 0.692 1.0	62.7	-4.1	28.1	28.4	28.4	28.4	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
288	Y30C_062_062a	0.375 0.625 0.0	0.625 0.625 0.312	113	0.271 0.625 0.0	50.8	-20.7	38.6	44.2	44.2	44.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
289	Y30C_062_062a	0.375 0.625 0.0	0.625 0.625 0.312	113	0.271 0.625 0.0	50.8	-20.7	38.6	44.2	44.2	44.2	31.0	29.6	0.6	29.6	1.1	9.0	315	42.9	65.4	15.5	69.6	4.3
290	Y60C_062_037a	0.375 0.625 0.125	0.625 0.5 0.375	124	0.288 0.625 0.125																		



TUB material: code=rha4ta
ny0 (CMYK)

TUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, $cmv0$
input: $rgb/cmyk - > rgbe$
output: transfer to $cmy0e$

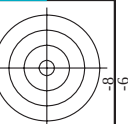
Year	Number of cases	Percentage of cases
1990	10	10.0
1991	15	15.0
1992	20	20.0
1993	25	25.0
1994	30	30.0
1995	35	35.0
1996	40	40.0
1997	45	45.0
1998	50	50.0
1999	55	55.0
2000	60	60.0
2001	65	65.0
2002	70	70.0
2003	75	75.0
2004	80	80.0
2005	85	85.0
2006	90	90.0
2007	95	95.0
2008	100	100.0
2009	105	105.0
2010	110	110.0
2011	115	115.0
2012	120	120.0
2013	125	125.0
2014	130	130.0
2015	135	135.0
2016	140	140.0
2017	145	145.0
2018	150	150.0
2019	155	155.0
2020	160	160.0
2021	165	165.0
2022	170	170.0
2023	175	175.0
2024	180	180.0
2025	185	185.0
2026	190	190.0
2027	195	195.0
2028	200	200.0
2029	205	205.0
2030	210	210.0
2031	215	215.0
2032	220	220.0
2033	225	225.0
2034	230	230.0
2035	235	235.0
2036	240	240.0
2037	245	245.0
2038	250	250.0
2039	255	255.0
2040	260	260.0
2041	265	265.0
2042	270	270.0
2043	275	275.0
2044	280	280.0
2045	285	285.0
2046	290	290.0
2047	295	295.0
2048	300	300.0
2049	305	305.0
2050	310	310.0
2051	315	315.0
2052	320	320.0
2053	325	325.0
2054	330	330.0
2055	335	335.0
2056	340	340.0
2057	345	345.0
2058	350	350.0
2059	355	355.0
2060	360	360.0
2061	365	365.0
2062	370	370.0
2063	375	375.0
2064	380	380.0
2065	385	385.0
2066	390	390.0
2067	395	395.0
2068	400	400.0
2069	405	405.0
2070	410	410.0
2071	415	415.0
2072	420	420.0
2073	425	425.0
2074	430	430.0
2075	435	435.0
2076	440	440.0
2077	445	445.0
2078	450	450.0
2079	455	455.0
2080	460	460.0
2081	465	465.0
2082	470	470.0
2083	475	475.0
2084	480	480.0
2085	485	485.0
2086	490	490.0
2087	495	495.0
2088	500	500.0
2089	505	505.0
2090	510	510.0
2091	515	515.0
2092	520	520.0
2093	525	525.0
2094	530	530.0
2095	535	535.0
2096	540	540.0
2097	545	545.0
2098	550	550.0
2099	555	555.0
2100		

input: *rgb/cmyk* → *rgbe*
output: transfer to *cmy0e*

TUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de

PF 280-7N Page 14/22-E

Year	Number of cases	Percentage of cases
1990	10	10.0
1991	15	15.0
1992	20	20.0
1993	25	25.0
1994	30	30.0
1995	35	35.0
1996	40	40.0
1997	45	45.0
1998	50	50.0
1999	55	55.0
2000	60	60.0
2001	65	65.0
2002	70	70.0
2003	75	75.0
2004	80	80.0
2005	85	85.0
2006	90	90.0
2007	95	95.0
2008	100	100.0
2009	105	105.0
2010	110	110.0
2011	115	115.0
2012	120	120.0
2013	125	125.0
2014	130	130.0
2015	135	135.0
2016	140	140.0
2017	145	145.0
2018	150	150.0
2019	155	155.0
2020	160	160.0
2021	165	165.0
2022	170	170.0
2023	175	175.0
2024	180	180.0
2025	185	185.0
2026	190	190.0
2027	195	195.0
2028	200	200.0
2029	205	205.0
2030	210	210.0
2031	215	215.0
2032	220	220.0
2033	225	225.0
2034	230	230.0
2035	235	235.0
2036	240	240.0
2037	245	245.0
2038	250	250.0
2039	255	255.0
2040	260	260.0
2041	265	265.0
2042	270	270.0
2043	275	275.0
2044	280	280.0
2045	285	285.0
2046	290	290.0
2047	295	295.0
2048	300	300.0
2049	305	305.0
2050	310	310.0
2051	315	315.0
2052	320	320.0
2053	325	325.0
2054	330	330.0
2055	335	335.0
2056	340	340.0
2057	345	345.0
2058	350	350.0
2059	355	355.0
2060	360	360.0
2061	365	365.0
2062	370	370.0
2063	375	375.0
2064	380	380.0
2065	385	385.0
2066	390	390.0
2067	395	395.0
2068	400	400.0
2069	405	405.0
2070	410	410.0
2071	415	415.0
2072	420	420.0
2073	425	425.0
2074	430	430.0
2075	435	435.0
2076	440	440.0
2077	445	445.0
2078	450	450.0
2079	455	455.0
2080	460	460.0
2081	465	465.0
2082	470	470.0
2083	475	475.0
2084	480	480.0
2085	485	485.0
2086	490	490.0
2087	495	495.0
2088	500	500.0
2089	505	505.0
2090	510	510.0
2091	515	515.0
2092	520	520.0
2093	525	525.0
2094	530	530.0
2095	535	535.0
2096	540	540.0
2097	545	545.0
2098	550	550.0
2099	555	555.0
2100		



TUB material: code=rha4ta
my0 (CMYK)

TUB-test chart PE28; colour rendering colors and differences, ΔE^* ; 3D=0, de=1, *cmv0*
input: *rgb/cmyk* - > *rgbe*
output: transfer to *cmv0e*

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TUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmY0

n	HC*Fe	rgb*Fe	ic*Fe	hs*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	DF*Fe	hs*Fe	rgb*Fe	LabCh*Fe	LabCh*Fe
648	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649	R38Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
650	R26Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
651	R13Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
652	R00Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
653	R68R_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
654	B61R_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
655	B55R_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
656	B50R_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
657	R11Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
658	R00Y_100_087e	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
659	R38Y_100_087e	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
660	R26Y_100_087e	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
661	R13Y_100_087e	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
662	R00Y_100_087e	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
663	B68R_100_087e	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
664	B55R_100_087e	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
665	B50R_100_087e	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
666	R23Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
667	R13Y_100_087e	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
668	R00Y_100_075e	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
669	R38Y_100_075e	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
670	R26Y_100_075e	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
671	R13Y_100_075e	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
672	R00Y_100_075e	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
673	B68R_100_075e	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
674	B55R_100_075e	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
675	B50R_100_075e	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
676	R26Y_100_087e	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
677	R13Y_100_075e	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
678	R00Y_100_062e	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
679	R38Y_100_062e	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
680	R26Y_100_062e	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
681	R13Y_100_062e	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
682	B68R_100_062e	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
683	B55R_100_062e	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
684	B50R_100_062e	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
685	R41Y_100_087e	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
686	R38Y_100_075e	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
687	R26Y_100_062e	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
688	R13Y_100_050e	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
689	R00Y_100_050e	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
690	R26Y_100_050e	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
691	B61R_100_050e	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
692	B50R_100_050e	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
693	R63Y_100_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
694	R38Y_100_087e	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
695	R26Y_100_062e	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
696	R13Y_100_050e	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
697	R00Y_100_050e	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
698	R26Y_100_050e	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
699	R13Y_100_037e	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
700	B68R_100_037e	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
701	R38Y_100_037e	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
702	R26Y_100_037e	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
703	R13Y_100_037e	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
704	R00Y_100_037e	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
705	B68R_100_037e	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
706	B55R_100_037e	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
707	B50R_100_037e	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
708	R26Y_100_037e	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
709	R13Y_100_025e	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
710	B68R_100_025e	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
711	R38Y_100_025e	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
712	R26Y_100_025e	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
713	R13Y_100_025e	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
714	R00Y_100_025e	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
715	B68R_100_025e	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
716	B55R_100_025e	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
717	B50R_100_025e	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
718	R26Y_100_025e	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
719	R13Y_100_012e	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
720	B68R_100_012e	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
721	R38Y_100_012e	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
722	R26Y_100_012e	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
723	R13Y_100_012e	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
724	R00Y_100_012e	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
725	B68R_100_012e	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
726	B55R_100_012e	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
727	B50R_100_012e	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
728	NW_100e	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

http://130.149.60.45/~farbmatrik/PE28/PE28LONP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 18/22

TUUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, *cmY0*

[illegible]

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TUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmY0

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http://130.149.60.45/~farbmatrik/PE28/PE28L0NP.PDF /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 19/22

input: *rgb/cmyk* $\rightarrow$ *rgbe*
output: transfer to *cmy0e*

TTUB-test chart PE28; colour rendering colors and differences, ΔE^* , 3D=0, de=1, cmY0

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see similar files: <http://130.149.60.45/~farbmatrik/PE28/PE28.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

input: *rgb/cmyk* -> *rgbe*
output: transfer to *cmy0e*

TUB-test chart PE28; colour rendering
colors and differences, ΔE^* , 3D=0, de=1, *cmy0*

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n	H1C*Fe	rgb-Fe	ic1-Fe	hs1-Fe	LabCH*Fe	rgb*Fe	LabCH*Fe	DF*Fe	hs1*Fe	rgb*Fe	LabCH*Fe
891	NW_100e	1.0	1.0	360	95.4	1.0	95.4	0.0	360	1.0	95.4
892	B50R_100.012e	1.0	0.125	0.937	87.9	1.0	87.9	0.0	360	1.0	87.9
893	B50R_100.025e	1.0	0.25	0.875	80.3	1.0	80.3	0.0	360	1.0	80.3
894	B50R_100.037e	1.0	0.375	0.812	72.7	1.0	72.7	0.0	360	1.0	72.7
895	B50R_100.050e	1.0	0.5	0.75	65.1	1.0	65.1	0.0	360	1.0	65.1
896	B50R_100.062e	1.0	0.625	0.687	57.5	1.0	57.5	0.0	360	1.0	57.5
897	B50R_100.075e	1.0	0.75	0.625	50.0	1.0	50.0	0.0	360	1.0	50.0
898	B50R_100.087e	1.0	0.875	0.562	42.4	1.0	42.4	0.0	360	1.0	42.4
899	B50R_100.100e	1.0	1.0	0.5	34.8	1.0	34.8	0.0	360	1.0	34.8
900	GOB_100.012e	0.875	1.0	0.125	90.0	0.875	90.0	0.0	360	0.875	90.0
901	NW_087e	0.875	0.875	0.875	85.7	0.875	85.7	0.0	360	0.875	85.7
902	B50R_087.012e	0.875	0.125	0.812	78.1	0.875	78.1	0.0	360	0.875	78.1
903	B50R_087.025e	0.875	0.25	0.75	70.6	0.875	70.6	0.0	360	0.875	70.6
904	B50R_087.037e	0.875	0.375	0.687	63.0	0.875	63.0	0.0	360	0.875	63.0
905	B50R_087.050e	0.875	0.5	0.625	55.4	0.875	55.4	0.0	360	0.875	55.4
906	B50R_087.062e	0.875	0.625	0.562	47.8	0.875	47.8	0.0	360	0.875	47.8
907	B50R_087.075e	0.875	0.75	0.5	40.3	0.875	40.3	0.0	360	0.875	40.3
908	B50R_087.087e	0.875	0.875	0.437	32.7	0.875	32.7	0.0	360	0.875	32.7
909	GOB_100.025e	0.75	1.0	0.25	88.7	0.75	88.7	0.0	360	0.75	88.7
910	GOB_100.037e	0.75	0.875	0.125	81.2	0.75	81.2	0.0	360	0.75	81.2
911	NW_075e	0.75	0.75	0.75	76.0	0.75	76.0	0.0	360	0.75	76.0
912	B50R_075.012e	0.75	0.125	0.687	68.4	0.75	68.4	0.0	360	0.75	68.4
913	B50R_075.025e	0.75	0.25	0.625	60.8	0.75	60.8	0.0	360	0.75	60.8
914	B50R_075.037e	0.75	0.375	0.562	53.3	0.75	53.3	0.0	360	0.75	53.3
915	B50R_075.050e	0.75	0.5	0.5	45.7	0.75	45.7	0.0	360	0.75	45.7
916	B50R_075.062e	0.75	0.625	0.437	38.1	0.75	38.1	0.0	360	0.75	38.1
917	B50R_075.075e	0.75	0.75	0.375	30.5	0.75	30.5	0.0	360	0.75	30.5
918	GOB_100.037e	0.625	1.0	0.375	88.7	0.625	88.7	0.0	360	0.625	88.7
919	GOB_100.050e	0.625	0.875	0.25	81.2	0.625	81.2	0.0	360	0.625	81.2
920	GOB_100.062e	0.625	0.75	0.125	73.6	0.625	73.6	0.0	360	0.625	73.6
921	B50R_062.012e	0.625	0.125	0.687	66.3	0.625	66.3	0.0	360	0.625	66.3
922	B50R_062.025e	0.625	0.25	0.625	58.7	0.625	58.7	0.0	360	0.625	58.7
923	B50R_062.037e	0.625	0.375	0.562	51.1	0.625	51.1	0.0	360	0.625	51.1
924	B50R_062.050e	0.625	0.5	0.5	43.5	0.625	43.5	0.0	360	0.625	43.5
925	B50R_062.062e	0.625	0.625	0.437	36.0	0.625	36.0	0.0	360	0.625	36.0
926	B50R_062.075e	0.625	0.75	0.375	28.4	0.625	28.4	0.0	360	0.625	28.4
927	GOB_100.050e	0.5	1.0	0.5	80.3	0.5	80.3	0.0	360	0.5	80.3
928	GOB_087.037e	0.5	0.875	0.375	72.7	0.5	72.7	0.0	360	0.5	72.7
929	GOB_087.050e	0.5	0.75	0.312	65.1	0.5	65.1	0.0	360	0.5	65.1
930	GOB_087.062e	0.5	0.625	0.25	57.5	0.5	57.5	0.0	360	0.5	57.5
931	NW_050e	0.5	0.5	0.5	50.0	0.5	50.0	0.0	360	0.5	50.0
932	B50R_050.012e	0.5	0.125	0.437	42.4	0.5	42.4	0.0	360	0.5	42.4
933	B50R_050.025e	0.5	0.25	0.375	34.8	0.5	34.8	0.0	360	0.5	34.8
934	B50R_050.037e	0.5	0.375	0.312	27.2	0.5	27.2	0.0	360	0.5	27.2
935	B50R_050.050e	0.5	0.5	0.25	19.6	0.5	19.6	0.0	360	0.5	19.6
936	GOB_087.050e	0.375	1.0	0.625	88.7	0.375	88.7	0.0	360	0.375	88.7
937	GOB_087.062e	0.375	0.875	0.5	81.2	0.375	81.2	0.0	360	0.375	81.2
938	GOB_087.075e	0.375	0.75	0.375	73.6	0.375	73.6	0.0	360	0.375	73.6
939	GOB_062.025e	0.375	0.625	0.375	66.3	0.375	66.3	0.0	360	0.375	66.3
940	NW_037e	0.375	0.375	0.375	60.8	0.375	60.8	0.0	360	0.375	60.8
941	B50R_037.012e	0.375	0.125	0.312	53.3	0.375	53.3	0.0	360	0.375	53.3
942	B50R_037.025e	0.375	0.25	0.25	45.7	0.375	45.7	0.0	360	0.375	45.7
943	B50R_037.037e	0.375	0.375	0.187	38.1	0.375	38.1	0.0	360	0.375	38.1
944	GOB_100.075e	0.25	1.0	0.75	88.7	0.25	88.7	0.0	360	0.25	88.7
945	GOB_062.037e	0.25	0.875	0.625	81.2	0.25	81.2	0.0	360	0.25	81.2
946	GOB_062.050e	0.25	0.75	0.5	73.6	0.25	73.6	0.0	360	0.25	73.6
947	GOB_062.062e	0.25	0.625	0.375	66.3	0.25	66.3	0.0	360	0.25	66.3
948	GOB_050.012e	0.25	0.5	0.375	58.7	0.25	58.7	0.0	360	0.25	58.7
949	GOB_037.012e	0.25	0.375	0.312	51.1	0.25	51.1	0.0	360	0.25	51.1
950	NW_025e	0.25	0.25	0.25	43.5	0.25	43.5	0.0	360	0.25	43.5
951	B50R_025.012e	0.25	0.125	0.187	36.0	0.25	36.0	0.0	360	0.25	36.0
952	B50R_025.025e	0.25	0.25	0.125	28.4	0.25	28.4	0.0	360	0.25	28.4
953	GOB_100.087e	0.125	1.0	0.875	90.0	0.125	90.0	0.0	360	0.125	90.0
954	GOB_087.075e	0.125	0.875	0.625	82.4	0.125	82.4	0.0	360	0.125	82.4
955	GOB_062.050e	0.125	0.75	0.5	74.8	0.125	74.8	0.0	360	0.125	74.8
956	GOB_050.037e	0.125	0.625	0.375	67.2	0.125	67.2	0.0	360	0.125	67.2
957	GOB_037.025e	0.125	0.5	0.312	59.6	0.125	59.6	0.0	360	0.125	59.6
958	GOB_025.012e	0.125	0.375	0.25	52.0	0.125	52.0	0.0	360	0.125	52.0
959	NW_012e	0.125	0.25	0.25	44.4	0.125	44.4	0.0	360	0.125	44.4
960	B50R_012.012e	0.125	0.125	0.125	36.8	0.125	36.8	0.0	360	0.125	36.8
961	GOB_100.100e	0.0	1.0	1.0	90.0	0.0	90.0	0.0	360	0.0	90.0
962	GOB_087.087e	0.0	0.875	0.875	82.4	0.0	82.4	0.0	360	0.0	82.4
963	GOB_075.075e	0.0	0.75	0.75	74.8	0.0	74.8	0.0	360	0.0	74.8
964	GOB_062.062e	0.0	0.625	0.625	67.2	0.0	67.2	0.0	360	0.0	67.2
965	GOB_050.050e	0.0	0.5	0.5	59.6	0.0	59.6	0.0	360	0.0	59.6
966	GOB_037.037e	0.0	0.375	0.375	52.0	0.0	52.0	0.0	360	0.0	52.0
967	GOB_025.025e	0.0	0.25	0.25	44.4	0.0	44.4	0.0	360	0.0	44.4
968	GOB_012.012e	0.0	0.125	0.125	36.8	0.0	36.8	0.0	360	0.0	36.8
969	NW_000e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0

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n		HCh*Fe	rgb*Fe	icL*Fe	h ₈ *Fe	rgb*Fe	LabCh*Fe	h ₈ *Fe	LabCh*Fe	rgb*Fe	DF*Fe	h ₈ *Fe	rgb*Fe	LabCh*Fe	h ₈ *Fe	DF*Fe	h ₈ *Fe	LabCh*Fe	rgb*Fe	LabCh*Fe	h ₈ *Fe
1053	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1054	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1055	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1056	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_006e	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066	0.066
1058	NW_013e	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133	0.133
1059	NW_020e	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1060	NW_026e	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266	0.266
1061	NW_033e	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333	0.333
1062	NW_040e	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1063	NW_046e	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466
1064	NW_053e	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
1065	NW_060e	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1066	NW_066e	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666	0.666
1067	NW_073e	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734
1068	NW_080e	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1069	NW_086e	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866	0.866
1070	NW_093e	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933	0.933
1071	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1072	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	RO07_100_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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1074	G50E_100_100e	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	0.0	0.0	0.0	0.0
1075	Y00E_100_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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1076	Y06E_100_100e	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	0.0	0.0	0.0	0.0
1077	B00E_100_100e	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	0.0	0.0	0.0	0.0
1078	B06E_100_100e	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	0.0	0.0	0.0	0.0
1079	B50E_100_100e	1.0	0.0	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	1.0	1.0	1.0	1.0	1.0

Mean color difference of this page:

delta E* = 7.6