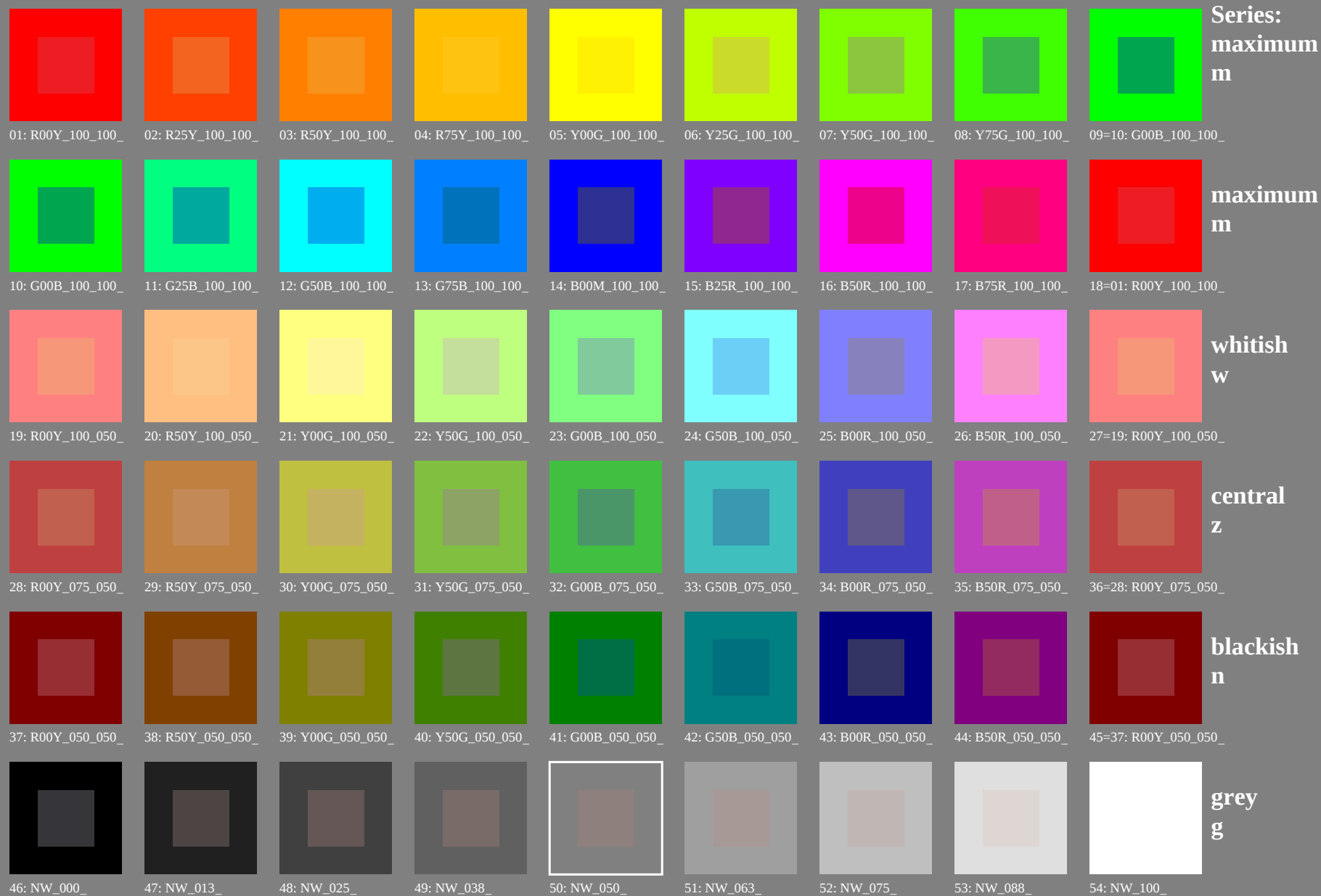


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK)



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

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

TUB registration: 20130201-PE15/PE15L0FA.TXT /.PS
+ application for measurement of offset print output, separa-

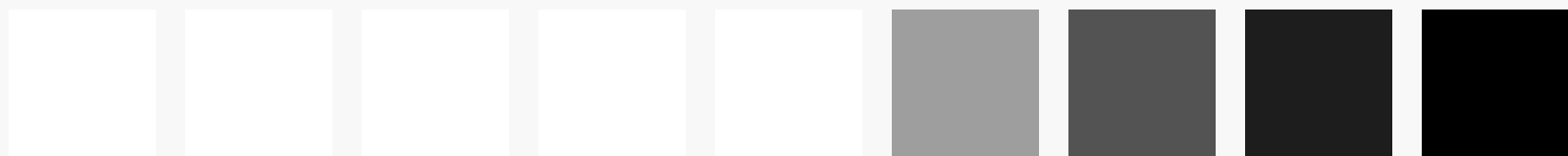
TUB material: code=rh4ta
nyn6* (CMYK)

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

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

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

Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb_{de}$



91-D00Y_100_100_ 92-D25Y_100_100_ 93-D50Y_100_100_ 94-D75Y_100_100_ 95-Y000_100_100_ 96-Y250_100_100_ 97-Y500_100_100_ 98-Y750_100_100_ 99-100000_100_100_

Series:
maximum
m



100-10000_100_100_ 101-0250_100_100_ 102-0500_100_100_ 103-0750_100_100_ 104-10000_100_100_ 105-D250_100_100_ 106-D500_100_100_ 107-D750_100_100_ 108-01-D00Y_100_100_

maximum
m



109-D00Y_100_050_ 110-D25Y_100_050_ 111-Y000_100_050_ 112-Y500_100_050_ 113-10000_100_050_ 114-D250_100_050_ 115-D500_100_050_ 116-D750_100_050_ 117-10-D00Y_100_050_

whitish
w



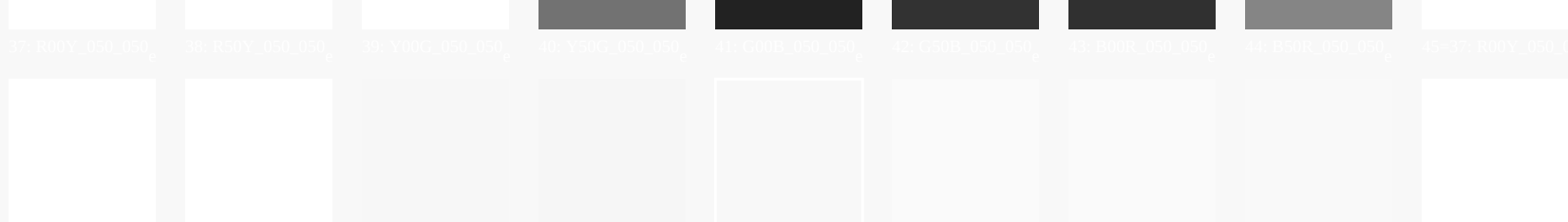
118-D00Y_075_050_ 119-D25Y_075_050_ 120-Y000_075_050_ 121-Y500_075_050_ 122-10000_075_050_ 123-D250_075_050_ 124-D500_075_050_ 125-D750_075_050_ 126-20-D00Y_075_050_

central
z



127-D00Y_050_050_ 128-D25Y_050_050_ 129-Y000_050_050_ 130-Y500_050_050_ 131-10000_050_050_ 132-D250_050_050_ 133-D500_050_050_ 134-D750_050_050_ 135-37-D00Y_050_050_

blackish
n



136-NW_000_ 137-NW_01_ 138-NW_025_ 139-NW_050_ 140-NW_100_ 141-NW_000_ 142-L2500_050_050_ 143-L5000_050_050_ 144-L10000_050_050_ 145-47-D00Y_050_050_

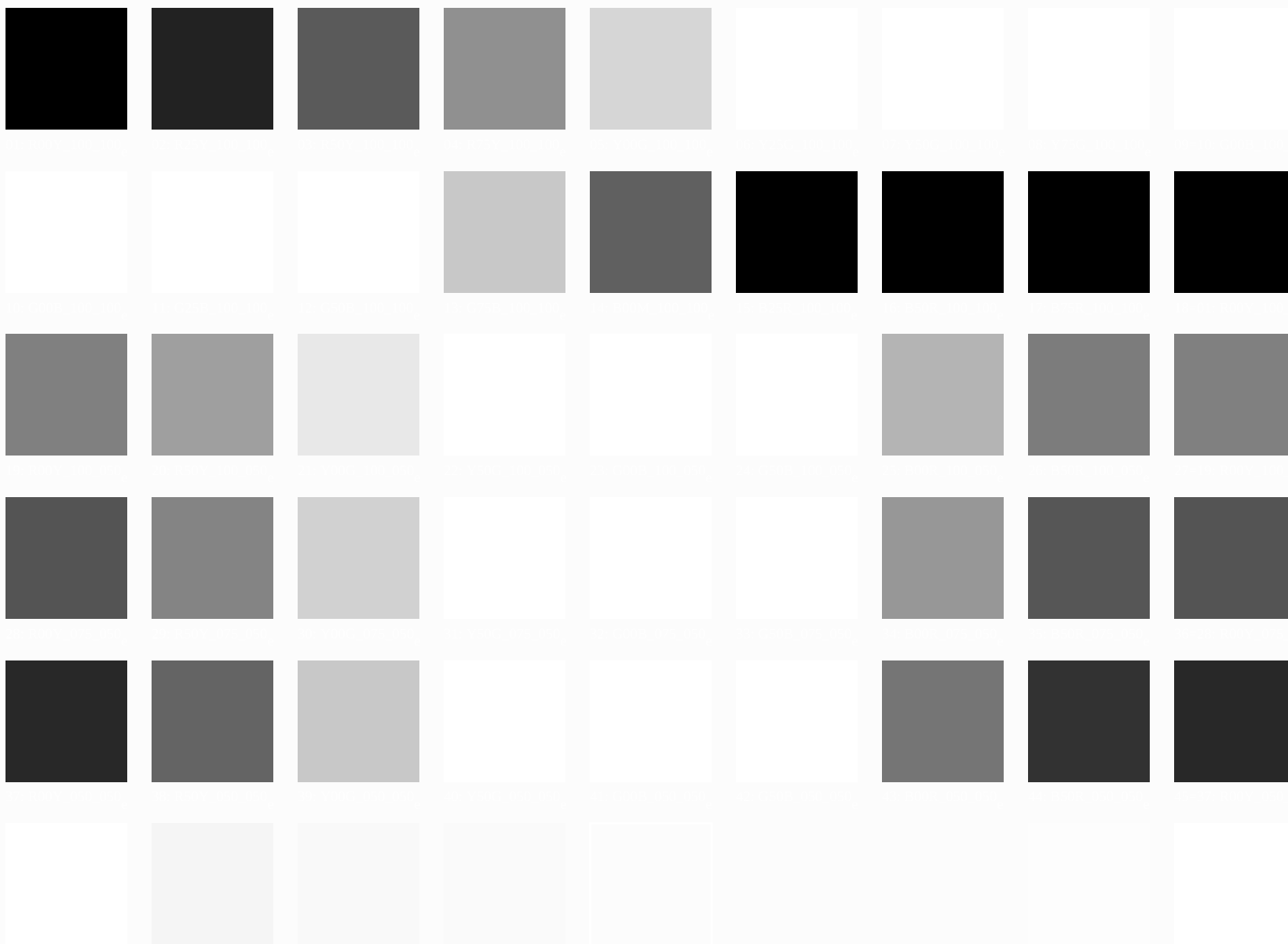
grey
g

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

TUB registration: 20130201-PE15/PE15L0FA.TXT /.PS
application for measurement of offset print output, separation cmyk6* (CMYK)
TUB material: code=rha4ta

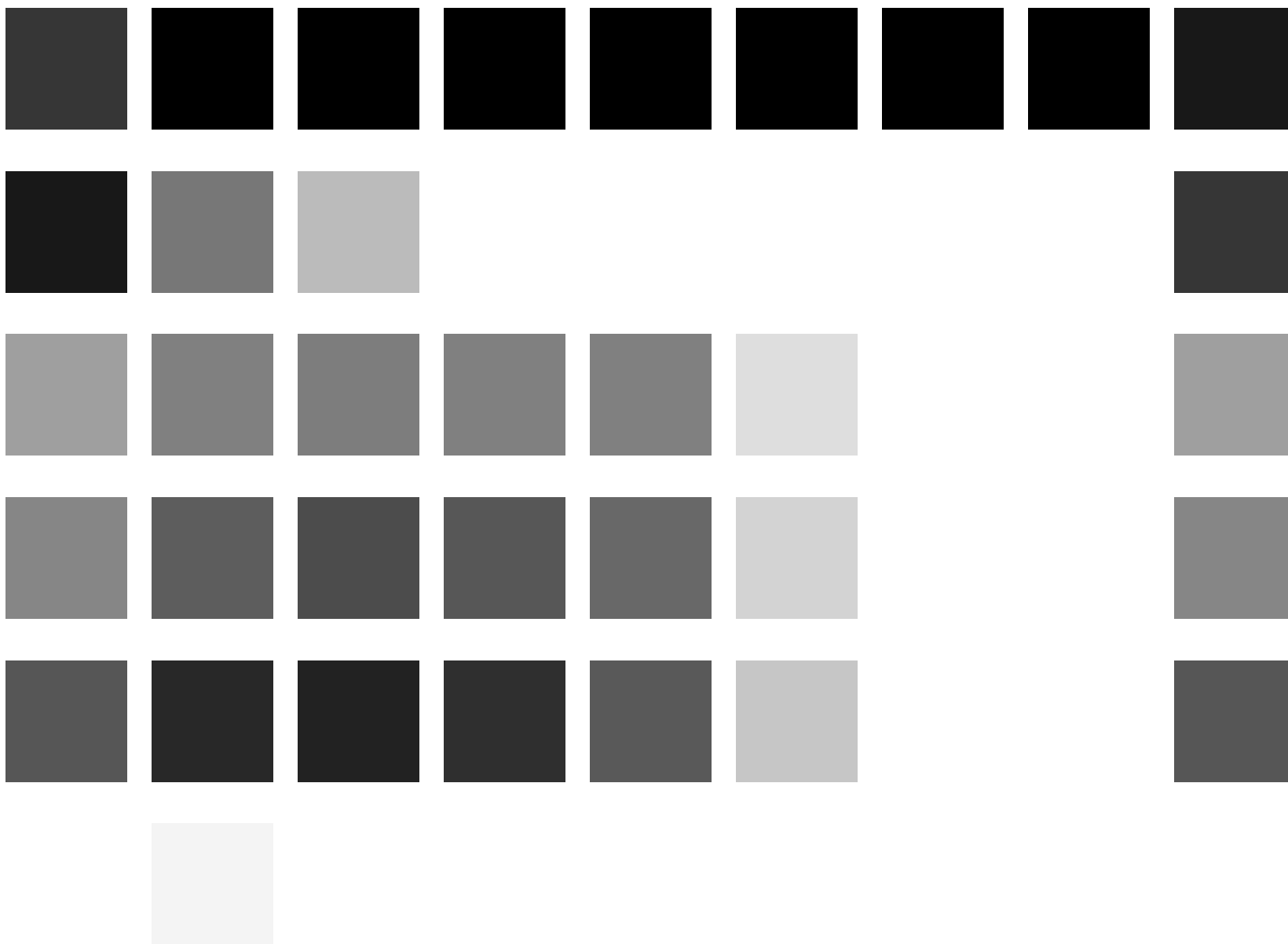
see similar files: <http://130.149.60.45/~farbmetrik/PE15/PE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PE15/PE15L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation $cm\dot{y}n6^*$ (CMYK)

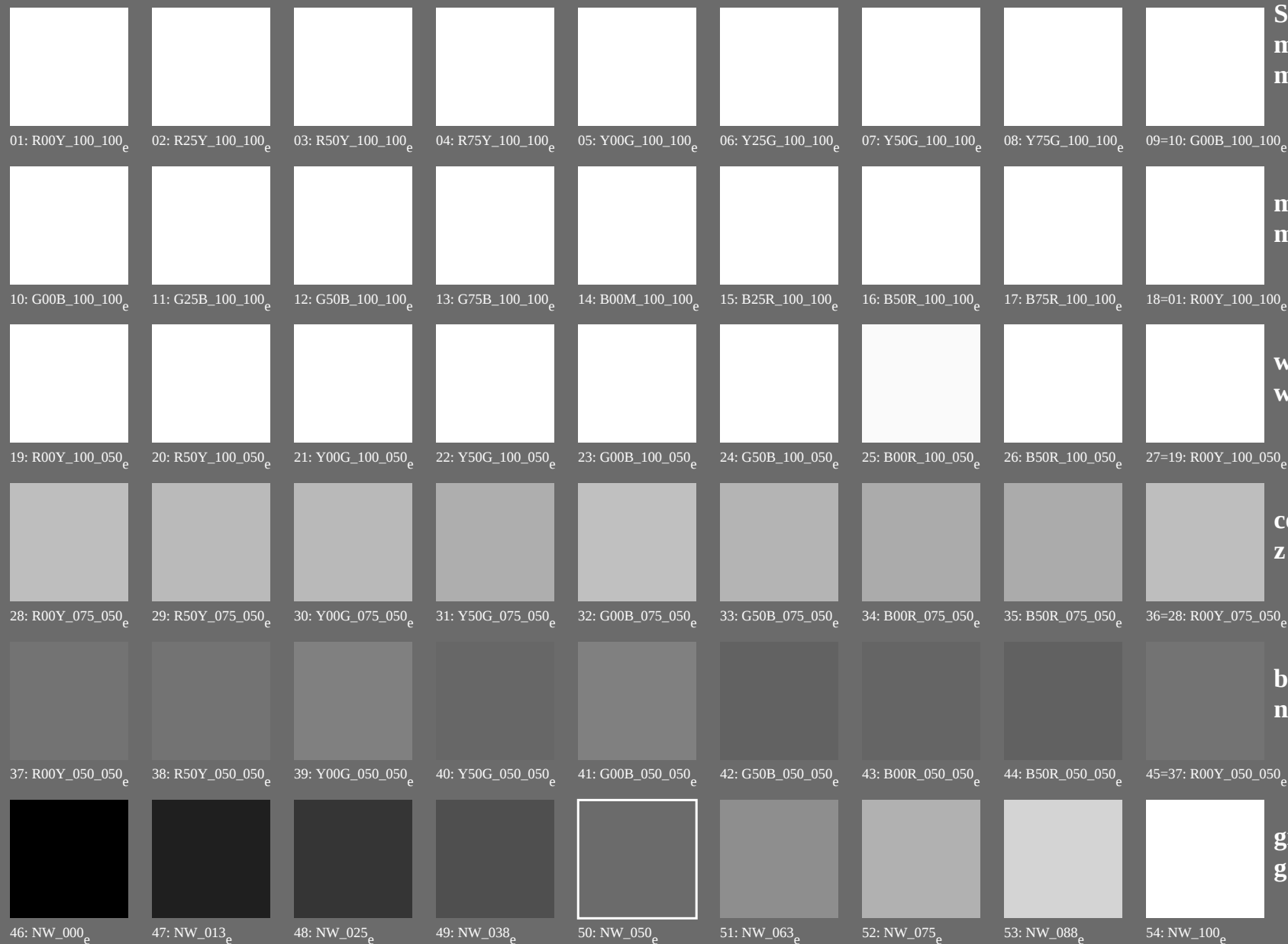


TUB-test chart PE15; colour rendering
54 standard colours, 3D=1, de=1, $cm\dot{y}k^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cm\dot{y}k^*_{de}$



Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb_{de}$



Series:
maximum
m

maximum
m

whitish
w

central
z

blackish
n

grey
g



TUB material: code=rha4ta
myn6* (CMYK)

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

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

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-113630-E0

	HIC ^{Fide}	ict ^{Fide}	hsa ^{Fide}	rgb ^{Fide}	LabCh ^{Fide}	cmvH ^{sep,Fide}	hsan ^{Fide}	rgb ^{Nde}	LabCh ^{Nde}						
01687	R00Y_100_100de	1.0	0.0	0.0	0.0	0.0	378	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
0657	R13X_100_100de	1.0	0.125	0.0	1.0	0.5	390	1.0	0.007	0.0	47.5	63.3	41.5	75.7	33.2
0666	R25Y_100_100de	1.0	0.25	0.0	1.0	0.5	44	1.0	0.133	0.0	51.5	54.2	47.2	71.9	41.0
0675	R38Y_100_100de	1.0	0.375	0.0	1.0	0.5	52	1.0	0.249	0.0	56.0	44.4	52.9	69.1	49.9
0684	R50Y_100_100de	1.0	0.5	0.0	1.0	0.5	60	1.0	0.349	0.0	60.3	35.6	59.0	68.9	58.8
0693	R63Y_100_100de	1.0	0.625	0.0	1.0	0.5	68	1.0	0.455	0.0	65.1	26.6	65.2	70.4	67.8
0702	R75Y_100_100de	1.0	0.75	0.0	1.0	0.5	73	1.0	0.563	0.0	70.4	17.0	72.2	74.1	76.7
0711	R88Y_100_100de	1.0	0.875	0.0	1.0	0.5	81	1.0	0.675	0.0	75.9	7.5	79.0	79.4	84.5
0720	Y00G_100_100de	1.0	1.0	0.0	1.0	0.5	90	1.0	0.841	0.0	82.9	-3.5	87.8	87.9	92.3
0729	Y13G_100_100de	1.0	0.125	0.0	1.0	0.5	96	0.871	1.0	0.0	85.7	-16.3	88.4	89.9	100.4
0738	Y25G_100_100de	1.0	0.25	0.0	1.0	0.5	112	0.619	1.0	0.0	76.9	-25.5	75.9	80.1	108.6
0747	Y38G_100_100de	1.0	0.375	0.0	1.0	0.5	122	0.454	1.0	0.0	71.3	-33.5	63.2	71.5	117.9
0756	Y50G_100_100de	1.0	0.5	0.0	1.0	0.5	131	0.326	1.0	0.0	65.8	-41.4	54.4	68.3	127.2
0765	Y63G_100_100de	1.0	0.625	0.0	1.0	0.5	137	0.229	1.0	0.0	60.2	-49.1	46.4	67.6	136.5
0774	Y75G_100_100de	1.0	0.75	0.0	1.0	0.5	144	0.113	1.0	0.0	56.9	-56.3	38.1	68.0	145.9
0783	Y88G_100_100de	1.0	0.875	0.0	1.0	0.5	148	0.035	1.0	0.0	53.5	-65.0	31.6	72.3	154.0
1672	G00C_100_100de	0.0	1.0	0.0	1.0	0.5	151	0.0	1.0	0.093	52.4	-67.1	21.5	70.5	162.2
1673	G13C_100_100de	0.0	1.0	0.125	1.0	0.5	164	0.0	1.0	0.209	53.0	-63.5	12.8	64.8	168.6
1674	G25C_100_100de	0.0	1.0	0.25	1.0	0.5	166	0.0	1.0	0.299	53.6	-60.2	5.2	60.4	175.0
1675	G38C_100_100de	0.0	1.0	0.375	1.0	0.5	172	0.0	1.0	0.387	54.1	-56.4	-2.2	56.5	182.3
1676	G50C_100_100de	0.0	1.0	0.5	1.0	0.5	177	0.0	1.0	0.46	54.6	-53.2	9.0	53.9	189.6
1677	G63C_100_100de	0.0	1.0	0.625	1.0	0.5	182	0.0	1.0	0.533	55.1	-49.6	-15.0	51.9	196.9
1678	G75C_100_100de	0.0	1.0	0.75	1.0	0.5	187	0.0	1.0	0.607	55.6	-46.0	-20.7	50.5	204.2
1679	G88C_100_100de	0.0	1.0	0.875	1.0	0.5	193	0.0	1.0	0.671	56.1	-43.0	-25.4	50.0	210.5
2480	C00B_100_100de	0.0	1.0	1.0	1.0	0.5	195	0.0	1.0	0.735	56.6	-39.7	-29.9	49.8	216.9
2481	C13B_100_100de	0.0	1.0	0.125	1.0	0.5	201	0.0	1.0	0.819	57.2	-36.5	-34.5	50.2	223.7
2482	C25B_100_100de	0.0	1.0	0.25	1.0	0.5	205	0.0	1.0	0.909	57.7	-39.5	-37.5	51.9	230.9
2483	C38B_100_100de	0.0	1.0	0.375	1.0	0.5	211	0.0	0.973	1.0	57.7	-38.3	-43.8	52.2	237.0
2484	C50B_100_100de	0.0	1.0	0.5	1.0	0.5	221	0.0	0.973	1.0	52.7	-21.1	-44.1	48.9	244.3
2485	C63B_100_100de	0.0	1.0	0.625	1.0	0.5	230	0.0	0.642	1.0	48.3	-14.7	-44.4	46.8	251.6
2486	C75B_100_100de	0.0	1.0	0.75	1.0	0.5	237	0.0	0.543	1.0	44.5	-8.7	-44.9	45.8	258.9
2487	C88B_100_100de	0.0	1.0	0.875	1.0	0.5	242	0.0	0.46	1.0	41.2	-3.6	-45.2	45.4	265.3
3238	B00M_100_100de	0.0	1.0	1.0	1.0	0.5	270	0.0	0.374	1.0	37.9	1.3	-45.4	45.4	271.7
3239	B13M_100_100de	0.0	1.0	0.125	1.0	0.5	277	0.0	0.291	1.0	34.8	6.7	-45.9	46.4	278.3
3240	B25M_100_100de	0.0	1.0	0.25	1.0	0.5	284	0.0	0.201	1.0	31.5	12.4	-46.5	48.2	285.0
3241	B38M_100_100de	0.0	1.0	0.375	1.0	0.5	292	0.0	0.078	1.0	27.4	19.6	-47.2	51.1	292.5
3242	B50M_100_100de	0.0	1.0	0.5	1.0	0.5	300	0.045	0.0	1.0	26.7	26.6	-45.8	52.9	300.1
3243	B63M_100_100de	0.0	1.0	0.625	1.0	0.5	308	0.146	0.0	1.0	29.7	32.5	-42.0	53.2	307.7
3244	B75M_100_100de	0.0	1.0	0.75	1.0	0.5	316	0.273	0.0	1.0	31.9	38.4	-38.0	54.0	315.3
3245	B88M_100_100de	0.0	1.0	0.875	1.0	0.5	323	0.332	0.0	1.0	33.0	43.9	-34.3	55.7	321.9
4056	M00R_100_100de	1.0	0.0	1.0	1.0	0.5	330	0.407	0.0	1.0	34.8	49.2	-30.0	57.7	328.6
4165	M13R_100_100de	1.0	0.875	1.0	0.0	0.5	337	0.528	0.0	1.0	38.6	55.0	-25.3	60.6	335.2
4254	M25R_100_100de	1.0	0.0	0.75	1.0	0.5	344	0.661	0.0	1.0	41.6	61.0	-19.9	64.2	341.8
4365	M38R_100_100de	1.0	0.0	0.625	1.0	0.5	352	0.841	0.0	1.0	45.2	68.5	-12.7	69.7	349.4
4452	M50R_100_100de	1.0	0.0	0.5	1.0	0.5	360	0.948	0.0	1.0	47.3	71.5	-9.9	72.1	352.0
4561	M63R_100_100de	1.0	0.0	0.375	1.0	0.5	368	1.0	0.0	0.735	48.1	70.3	1.1	70.3	0.9
4655	M75R_100_100de	1.0	0.0	0.25	1.0	0.5	373	1.0	0.0	0.538	47.8	68.1	11.8	69.2	9.8
4660	M88R_100_100de	1.0	0.0	0.125	1.0	0.5	381	1.0	0.0	0.386	47.7	66.3	21.1	69.6	17.6
4864	R00Y_100_100de	1.0	0.0	0.0	1.0	0.5	390	1.0	0.0	0.209	47.6	64.9	30.9	71.9	25.4
4900	NW_000de	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	1.0	17.7	0.0	0.0	0.0	0.0
5091	NW_013de	0.125	0.125	0.125	0.125	0.0	360	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0
5118	NW_025de	0.25	0.25	0.25	0.25	0.0	360	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0
5227	NW_038de	0.375	0.375	0.375	0.375	0.0	360	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0
5364	NW_050de	0.5	0.5	0.5	0.5	0.0	360	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5445	NW_063de	0.625	0.625	0.625	0.625	0.0	360	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0
5546	NW_075de	0.75	0.75	0.75	0.75	0.0	360	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0
5663	NW_088de	0.875	0.875	0.875	0.875	0.0	360	0.875	0.875	0.0	0.0	0.0	0.0	0.0	0.0
5728	NW_100de	1.0	1.0	1.0	1.0	0.0	360	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0

Mean color difference of this page: delta



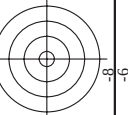
TUB material: code=rha4ta
myn6* (CMYK)

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

delta

Mean color difference of this page:

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TUB material: code=rha4ta
nyn6* (CMYK)

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

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

$n-j$	HIC* $F_{i,j}$	$rgb_{i,j}$	$lcr_{i,j}$	$h_{i,j}$	$rgb^*F_{i,j}$	$LabCH^*F_{i,j}$	$cmym^*sep_{i,j}$	$h_{i,j}N_{i,j}$	$rgb^*M_{i,j}$	$LabCH^*M_{i,j}$	δ
0	NW_000i_0e	00	0.0	360	0.0	17.7	0.0	360	1.0	95.4	0.0
1	B00R_012_012i_0e	00	0.125	0.062	270	0.0	0.046	0.125	0.0	0.892	0.0
2	B00R_025_025i_0e	00	0.25	0.125	270	0.0	0.093	0.25	0.0	0.892	0.0
3	B00R_037_037i_0e	00	0.375	0.187	270	0.0	0.140	0.375	0.0	0.892	0.0
4	B00R_050_050i_0e	00	0.5	0.25	270	0.0	0.187	0.5	0.0	0.892	0.0
5	B00R_062_062i_0e	00	0.625	0.312	270	0.0	0.234	0.625	0.0	0.892	0.0
6	B00R_075_075i_0e	00	0.75	0.375	270	0.0	0.281	0.75	0.0	0.892	0.0
7	B00R_087_087i_0e	00	0.875	0.437	270	0.0	0.327	0.875	0.0	0.892	0.0
8	B00R_100_100i_0e	00	1.0	0.5	270	0.0	0.374	1.0	0.0	0.892	0.0
9	G00B_012_012i_0e	00	0.125	0.062	150	0.0	0.125	0.011	0.0	0.093	0.0
10	G50B_012_012i_0e	00	0.125	0.062	210	0.0	0.125	0.091	0.0	0.093	0.0
11	G75B_025_025i_0e	00	0.25	0.125	240	0.0	0.196	0.25	0.0	0.735	0.0
12	G84B_037_037i_0e	00	0.375	0.187	251	0.0	0.225	0.375	0.0	0.735	0.0
13	G88B_050_050i_0e	00	0.5	0.25	256	0.0	0.271	0.5	0.0	0.735	0.0
14	G90B_062_062i_0e	00	0.625	0.312	259	0.0	0.317	0.625	0.0	0.735	0.0
15	G92B_075_075i_0e	00	0.75	0.375	261	0.0	0.363	0.75	0.0	0.735	0.0
16	G93B_087_087i_0e	00	0.875	0.437	262	0.0	0.413	0.875	0.0	0.735	0.0
17	G94B_100_100i_0e	00	1.0	0.5	263	0.0	0.46	1.0	0.0	0.735	0.0
18	G00B_025_025i_0e	00	0.25	0.125	150	0.0	0.25	0.023	0.0	0.093	0.0
19	G25B_025_025i_0e	00	0.25	0.125	180	0.0	0.25	0.115	0.0	0.093	0.0
20	G50B_025_025i_0e	00	0.25	0.125	210	0.0	0.25	0.183	0.0	0.093	0.0
21	G65B_037_037i_0e	00	0.375	0.187	229	0.0	0.375	0.365	0.0	0.093	0.0
22	G75B_050_050i_0e	00	0.5	0.25	240	0.0	0.392	0.5	0.0	0.093	0.0
23	G80B_062_062i_0e	00	0.625	0.312	247	0.0	0.411	0.625	0.0	0.093	0.0
24	G84B_062_062i_0e	00	0.75	0.375	251	0.0	0.451	0.75	0.0	0.093	0.0
25	G88B_062_062i_0e	00	0.875	0.437	254	0.0	0.495	0.875	0.0	0.093	0.0
26	G90B_087_087i_0e	00	1.0	0.5	256	0.0	0.539	1.0	0.0	0.093	0.0
27	G92B_037_037i_0e	00	0.375	0.187	159	0.0	0.375	0.034	0.0	0.093	0.0
28	G93B_037_037i_0e	00	0.375	0.187	160	0.0	0.375	0.034	0.0	0.093	0.0
29	G94B_037_037i_0e	00	0.375	0.187	191	0.0	0.375	0.275	0.0	0.093	0.0
30	G50B_037_037i_0e	00	0.375	0.187	210	0.0	0.375	0.275	0.0	0.093	0.0
31	G61B_050_050i_0e	00	0.5	0.25	224	0.0	0.591	0.625	0.0	0.093	0.0
32	G69B_062_062i_0e	00	0.625	0.312	233	0.0	0.591	0.625	0.0	0.093	0.0
33	G75B_075_075i_0e	00	0.75	0.375	240	0.0	0.588	0.75	0.0	0.093	0.0
34	G79B_087_087i_0e	00	0.875	0.437	245	0.0	0.606	0.875	0.0	0.093	0.0
35	G81B_100_100i_0e	00	1.0	0.5	248	0.0	0.642	1.0	0.0	0.093	0.0
36	G00B_050_050i_0e	00	0.5	0.25	150	0.0	0.5	0.046	0.0	0.595	0.0
37	G25B_050_050i_0e	00	0.5	0.25	164	0.0	0.5	0.149	0.0	0.563	0.0
38	G38B_050_050i_0e	00	0.5	0.25	180	0.0	0.5	0.23	0.0	0.475	0.0
39	G50B_050_050i_0e	00	0.5	0.25	196	0.0	0.5	0.303	0.0	0.292	0.0
40	G59B_062_062i_0e	00	0.625	0.312	221	0.0	0.5	0.367	0.0	0.223	0.0
41	G65B_075_075i_0e	00	0.75	0.375	229	0.0	0.625	0.544	0.0	0.232	0.0
42	G65B_075_075i_0e	00	0.75	0.375	229	0.0	0.75	0.73	0.0	0.102	0.0
43	G70B_087_087i_0e	00	0.875	0.437	235	0.0	0.78	0.875	0.0	0.333	0.0
44	G75B_100_100i_0e	00	1.0	0.5	240	0.0	0.784	1.0	0.0	0.172	0.0
45	G00B_062_062i_0e	00	0.625	0.312	150	0.0	0.625	0.058	0.0	0.372	0.0
46	G09B_062_062i_0e	00	0.625	0.312	161	0.0	0.625	0.166	0.0	0.455	0.0
47	G19B_062_062i_0e	00	0.625	0.312	173	0.0	0.625	0.247	0.0	0.459	0.0
48	G30B_062_062i_0e	00	0.625	0.312	187	0.0	0.625	0.327	0.0	0.439	0.0
49	G40B_062_062i_0e	00	0.625	0.312	199	0.0	0.625	0.396	0.0	0.332	0.0
50	G50B_062_062i_0e	00	0.625	0.312	210	0.0	0.625	0.459	0.0	0.233	0.0
51	G57B_075_075i_0e	00	0.75	0.375	219	0.0	0.75	0.633	0.0	0.133	0.0
52	G63B_087_087i_0e	00	0.875	0.437	226	0.0	0.875	0.818	0.0	0.046	0.0
53	G68B_100_100i_0e	00	1.0	0.5	232	0.0	0.973	1.0	0.0	0.026	0.0
54	G00B_075_075i_0e	00	0.75	0.375	150	0.0	0.75	0.069	0.0	0.793	0.0
55	G07B_075_075i_0e	00	0.75	0.375	159	0.0	0.75	0.18	0.0	0.309	0.0
56	G15B_075_075i_0e	00	0.75	0.375	169	0.0	0.75	0.267	0.0	0.339	0.0
57	G24B_075_075i_0e	00	0.75	0.375	181	0.0	0.75	0.421	0.0	0.319	0.0
58	G34B_075_075i_0e	00	0.75	0.375	191	0.0	0.75	0.485	0.0	0.327	0.0
59	G42B_075_075i_0e	00	0.75	0.375	201	0.0	0.75	0.551	0.0	0.325	0.0
60	G50B_075_075i_0e	00	0.75	0.375	210	0.0	0.875	0.728	0.0	0.178	0.0
61	G60B_087_087i_0e	00	0.875	0.437	218	0.0	1.0	0.875	0.0	0.155	0.0
62	G61B_100_100i_0e	00	1.0	0.5	224	0.0	1.0	0.875	0.0	0.138	0.0
63	G65B_087_087i_0e	00	0.875	0.437	159	0.0	0.875	0.198	0.0	0.167	0.0
64	G13B_087_087i_0e	00	0.875	0.437	166	0.0	0.875	0.285	0.0	0.169	0.0
65	G20B_087_087i_0e	00	0.875	0.437	175	0.0	0.875	0.362	0.0	0.159	0.0
66	G29B_087_087i_0e	00	0.875	0.437	185	0.0	0.875	0.442	0.0	0.125	0.0
67	G36B_087_087i_0e	00	0.875	0.437	194	0.0	0.875	0.515	0.0	0.098	0.0
68	G43B_087_087i_0e	00	0.875	0.437	202	0.0	0.875	0.579	0.0	0.404	0.0
69	G50B_087_087i_0e	00	0.875	0.437	210	0.0	0.875	0.643	0.0	0.329	0.0
70	G55B_100_100i_0e	00	1.0	0.5	217	0.0	1.0	0.819	0.0	0.25	0.0
71	G00B_100_100i_0e	00	1.0	0.5	150	0.0	1.0	0.093	0.0	0.18	0.0
72	G05B_100_100i_0e	00	1.0	0.5	157	0.0	1.0	0.209	0.0	0.905	0.0
73	G11B_100_100i_0e	00	1.0	0.5	164	0.0	1.0	0.289	0.0	0.788	0.0
74	G18B_100_100i_0e	00	1.0	0.5	172	0.0	1.0	0.367	0.0	0.697	0.0
75	G25B_100_100i_0e	00	1.0	0.5	180	0.0	1.0	0.46	0.0	0.61	0.0
76	G31B_100_100i_0e	00	1.0	0.5	188	0.0	1.0	0.533	0.0	0.535	0.0
77	G38B_100_100i_0e	00	1.0	0.5	196	0.0	1.0	0.607	0.0	0.463	0.0
78	G44B_100_100i_0e	00	1.0	0.5	203	0.0	1.0	0.671	0.0	0.392	0.0
79	G50B_100_100i_0e	00	1.0	0.5	210	0.0	1.0	0.735	0.0	0.264	0.0
80	G50B_100_100i_0e	00	1.0	0.5	210	0.0	1.0	0.735	0.0	0.264	0.0

$$\delta$$

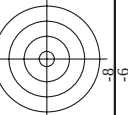


TUB material: code=rha4ta
nyn6* (CMYK)

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

output: 3D-linearization to $\text{cm}^{\text{mk}} \text{d}^{\text{e}}$

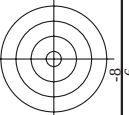
colors and differences, ΔE^* , $3D=1$, $de=1$, $cm\text{y}k^*$



TUB material: code=rha4ta
nyn6* (CMYK)

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

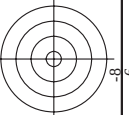
TUB-test chart PE15; colour rendering colors and differences, ΔE^* , 3D=1, de=1, cmk*



TUB material: code=rha4ta
nyn6* (CMYK)

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

n	HIC* <i>r</i> _{de}	rgb* <i>r</i> _{de}	lcr* <i>r</i> _{de}	h _{de} * <i>r</i> _{de}	rgb* <i>r</i> _{de}	LatCh* <i>r</i> _{de}	cmym* <i>r</i> _{de}	h _{de} * <i>r</i> _{de}	rgb* <i>r</i> _{de}	LatCh* <i>r</i> _{de}	delta
486	R35Y_075_075de	0.75	0.0	0.75	0.75	390	0.75	0.0	0.157	40.1	48.7
487	R35Y_075_075de	0.75	0.125	0.75	0.75	381	0.75	0.0	0.321	40.2	50.2
488	R18Y_075_075de	0.75	0.0	0.75	0.75	371	0.75	0.0	0.495	40.4	52.0
489	R18Y_075_075de	0.75	0.375	0.75	0.75	360	0.711	0.0	0.928	39.9	53.6
490	R65R_075_075de	0.75	0.0	0.75	0.75	349	0.554	0.0	0.735	34.6	49.0
491	R57R_075_075de	0.75	0.0	0.625	0.75	339	0.427	0.0	0.75	34.1	42.5
492	R50R_075_075de	0.75	0.0	0.75	0.75	330	0.305	0.0	0.925	36.9	36.9
493	R43R_087_087de	0.75	0.0	0.875	0.875	322	0.283	0.0	0.875	30.9	37.7
494	R38R_100_100de	0.75	0.0	1.0	1.0	316	0.273	0.0	1.0	31.9	38.4
495	R15Y_075_075de	0.75	0.125	0.75	0.75	309	0.75	0.033	0.0	40.9	45.5
496	R31Y_075_062de	0.75	0.125	0.75	0.75	300	0.75	0.125	0.255	46.1	40.9
497	R31Y_075_062de	0.75	0.125	0.25	0.75	295	0.75	0.125	0.419	46.2	42.1
498	R11Y_075_062de	0.75	0.125	0.375	0.75	287	0.675	0.125	0.603	46.4	44.1
499	R69R_075_062de	0.75	0.125	0.75	0.75	283	0.675	0.125	0.75	45.1	43.5
500	R59R_075_062de	0.75	0.125	0.625	0.75	273	0.675	0.125	0.75	41.7	36.4
501	R59R_075_062de	0.75	0.125	0.75	0.75	268	0.379	0.125	0.75	38.1	30.8
502	R42R_087_075de	0.75	0.125	0.875	0.875	261	0.379	0.125	0.875	38.7	31.7
503	R36R_100_087de	0.75	0.125	1.0	1.0	254	0.349	0.125	1.0	39.6	32.2
504	R31Y_075_062de	0.75	0.25	0.75	0.75	249	0.75	0.154	0.0	45.1	36.1
505	R31Y_075_062de	0.75	0.25	0.125	0.75	245	0.75	0.175	0.125	47.5	36.3
506	R00Y_075_050de	0.75	0.25	0.75	0.75	240	0.75	0.25	0.354	52.1	34.4
507	R00Y_075_050de	0.75	0.25	0.75	0.75	235	0.75	0.25	0.519	52.2	34.6
508	R00Y_075_050de	0.75	0.25	0.75	0.75	230	0.724	0.25	0.519	52.1	35.7
509	R61R_075_050de	0.75	0.25	0.625	0.75	225	0.549	0.25	0.75	49.1	30.5
510	R61R_075_050de	0.75	0.25	0.75	0.75	220	0.458	0.25	0.75	45.7	24.6
511	R40R_087_062de	0.75	0.25	0.875	0.875	215	0.436	0.25	0.875	46.3	25.5
512	R34R_100_075de	0.75	0.25	1.0	1.0	210	0.403	0.25	1.0	46.9	26.0
513	R50Y_075_075de	0.75	0.375	0.75	0.75	205	0.75	0.262	0.0	49.6	26.7
514	R38Y_075_062de	0.75	0.375	0.125	0.75	200	0.75	0.288	0.125	51.7	27.1
515	R23Y_075_050de	0.75	0.375	0.25	0.75	195	0.75	0.316	0.25	54.0	27.1
516	R23Y_075_050de	0.75	0.375	0.75	0.75	190	0.75	0.375	0.453	58.0	24.3
517	R18Y_075_037de	0.75	0.375	0.75	0.75	185	0.652	0.375	0.622	58.2	26.0
518	R65R_075_037de	0.75	0.375	0.625	0.75	180	0.652	0.375	0.75	53.3	18.4
519	R50R_075_037de	0.75	0.375	0.75	0.75	175	0.527	0.375	0.875	54.0	19.2
520	R38R_087_037de	0.75	0.375	0.875	0.875	170	0.511	0.375	0.875	54.0	19.2
521	R30R_100_062de	0.75	0.375	1.0	1.0	165	0.453	0.375	1.0	54.1	19.9
522	R68Y_075_062de	0.75	0.5	0.75	0.75	160	0.75	0.371	0.0	54.7	17.2
523	R61Y_075_062de	0.75	0.5	0.125	0.75	155	0.75	0.401	0.125	56.6	17.3
524	R50Y_075_062de	0.75	0.5	0.25	0.75	150	0.75	0.424	0.25	58.4	17.8
525	R31Y_075_037de	0.75	0.5	0.375	0.75	145	0.75	0.452	0.375	60.0	18.0
526	R00Y_075_037de	0.75	0.5	0.75	0.75	140	0.75	0.452	0.375	64.0	16.2
527	R00Y_075_037de	0.75	0.5	0.75	0.75	135	0.75	0.452	0.375	64.0	16.2
528	R00Y_075_025de	0.75	0.5	0.625	0.75	130	0.75	0.452	0.375	64.0	16.2
529	R00Y_075_025de	0.75	0.5	0.625	0.75	125	0.75	0.452	0.375	64.0	16.2
530	R00Y_075_025de	0.75	0.5	0.625	0.75	120	0.75	0.452	0.375	64.0	16.2
531	R00Y_075_025de	0.75	0.5	0.625	0.75	115	0.75	0.452	0.375	64.0	16.2
532	R00Y_075_025de	0.75	0.5	0.625	0.75	110	0.75	0.452	0.375	64.0	16.2
533	R00Y_075_025de	0.75	0.5	0.625	0.75	105	0.75	0.452	0.375	64.0	16.2
534	R00Y_075_025de	0.75	0.5	0.625	0.75	100	0.75	0.452	0.375	64.0	16.2
535	R00Y_075_025de	0.75	0.5	0.625	0.75	95	0.75	0.452	0.375	64.0	16.2
536	R00Y_075_025de	0.75	0.5	0.625	0.75	90	0.75	0.452	0.375	64.0	16.2
537	R00Y_075_025de	0.75	0.5	0.625	0.75	85	0.75	0.452	0.375	64.0	16.2
538	R00Y_075_025de	0.75	0.5	0.625	0.75	80	0.75	0.452	0.375	64.0	16.2
539	R00Y_075_025de	0.75	0.5	0.625	0.75	75	0.75	0.452	0.375	64.0	16.2
540	R00Y_075_025de	0.75	0.5	0.625	0.75	70	0.75	0.452	0.375	64.0	16.2
541	R00Y_075_025de	0.75	0.5	0.625	0.75	65	0.75	0.452	0.375	64.0	16.2
542	R00Y_075_025de	0.75	0.5	0.625	0.75	60	0.75	0.452	0.375	64.0	16.2
543	R00Y_075_025de	0.75	0.5	0.625	0.75	55	0.75	0.452	0.375	64.0	16.2
544	R00Y_075_025de	0.75	0.5	0.625	0.75	50	0.75	0.452	0.375	64.0	16.2
545	R00Y_075_025de	0.75	0.5	0.625	0.75	45	0.75	0.452	0.375	64.0	16.2
546	R00Y_075_025de	0.75	0.5	0.625	0.75	40	0.75	0.452	0.375	64.0	16.2
547	R00Y_075_025de	0.75	0.5	0.625	0.75	35	0.75	0.452	0.375	64.0	16.2
548	R00Y_075_025de	0.75	0.5	0.625	0.75	30	0.75	0.452	0.375	64.0	16.2
549	R00Y_075_025de	0.75	0.5	0.625	0.75	25	0.75	0.452	0.375	64.0	16.2
550	R00Y_075_025de	0.75	0.5	0.625	0.75	20	0.75	0.452	0.375	64.0	16.2
551	R00Y_075_025de	0.75	0.5	0.625	0.75	15	0.75	0.452	0.375	64.0	16.2
552	R00Y_075_025de	0.75	0.5	0.625	0.75	10	0.75	0.452	0.375	64.0	16.2
553	R00Y_075_025de	0.75	0.5	0.625	0.75	5	0.75	0.452	0.375	64.0	16.2
554	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
555	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
556	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
557	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
558	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
559	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
560	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
561	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
562	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
563	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
564	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
565	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2
566	R00Y_075_025de	0.75	0.5	0.625	0.75	0	0.75	0.452	0.375	64.0	16.2



TUB material: code=rha4ta
myn6* (CMYK)

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

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=1, cmyk*



n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCh*File	cmyn*sep,File	hsa*de	rgb*File	LabCh*File	delta
648	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	25.4
649	R38Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	367	1.0	47.6	17.6
650	R26Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	357	1.0	47.6	9.8
651	R13Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	344	1.0	47.6	0.9
652	R68R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	321	1.0	47.6	0.0
653	R68R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	321	1.0	47.6	0.0
654	B61R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	301	1.0	47.6	0.0
655	B55R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	301	1.0	47.6	0.0
656	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
657	R11Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
658	R30Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	366	1.0	47.6	0.0
659	R30Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	366	1.0	47.6	0.0
660	R23Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	338	1.0	47.6	0.0
661	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	338	1.0	47.6	0.0
662	B70R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	312	1.0	47.6	0.0
663	B63R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	303	1.0	47.6	0.0
664	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
665	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
666	R23Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	31	1.0	47.6	0.0
667	R13Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
668	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	364	1.0	47.6	0.0
669	R33Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	349	1.0	47.6	0.0
670	R18Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	327	1.0	47.6	0.0
671	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	327	1.0	47.6	0.0
672	B63R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	315	1.0	47.6	0.0
673	B55R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
674	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
675	R26Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	43	1.0	47.6	0.0
676	R26Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	38	1.0	47.6	0.0
677	R15Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	32	1.0	47.6	0.0
678	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
679	R31Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	361	1.0	47.6	0.0
680	R11Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	342	1.0	47.6	0.0
681	B69R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	323	1.0	47.6	0.0
682	B59R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	303	1.0	47.6	0.0
683	B50Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
684	R50Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	50	1.0	47.6	0.0
685	R41Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	46	1.0	47.6	0.0
686	R31Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	41	1.0	47.6	0.0
687	R18Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	34	1.0	47.6	0.0
688	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
689	R26Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	357	1.0	47.6	0.0
690	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	327	1.0	47.6	0.0
691	B61R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	310	1.0	47.6	0.0
692	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
693	R63Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	54	1.0	47.6	0.0
694	R38Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	50	1.0	47.6	0.0
695	R38Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	50	1.0	47.6	0.0
696	R30Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	54	1.0	47.6	0.0
697	R23Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	37	1.0	47.6	0.0
698	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
699	R18Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	349	1.0	47.6	0.0
700	B63R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	315	1.0	47.6	0.0
701	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
702	R76Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	64	1.0	47.6	0.0
703	R33Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	62	1.0	47.6	0.0
704	R33Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	55	1.0	47.6	0.0
705	B50Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	50	1.0	47.6	0.0
706	B50Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	50	1.0	47.6	0.0
707	R31Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
708	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
709	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
710	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
711	R88Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	70	1.0	47.6	0.0
712	R88Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	68	1.0	47.6	0.0
713	R85Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	66	1.0	47.6	0.0
714	R81Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	64	1.0	47.6	0.0
715	R76Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	59	1.0	47.6	0.0
716	R69Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	59	1.0	47.6	0.0
717	R69Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	58	1.0	47.6	0.0
718	R00Y_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	378	1.0	47.6	0.0
719	B50R_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	293	1.0	47.6	0.0
720	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
721	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
722	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
723	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
724	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
725	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
726	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
727	Y00C_100_100de	1.0	0.0	0.0	0.0	47.6	0.0	81	1.0	47.6	0.0
728	NW_100de	1.0	0.0	0.0	0.0	47.6	0.0	360	1.0	47.6	0.0

n	HC*File	rgb*File	LabCh*File	rgb*File	LabCh*File	cmyn*sep	rgb*File	LabCh*File	delta
972	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
974	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
975	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
976	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
977	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
978	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
979	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
980	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
981	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
982	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
983	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
984	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
985	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
986	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
987	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
988	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
989	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
990	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
992	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
993	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
994	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
995	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
996	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
997	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
998	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
999	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1001	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1002	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1003	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1004	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1005	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1006	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1007	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
1008	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1009	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1010	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1011	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1012	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1013	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1014	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1015	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1016	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
1017	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1019	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1020	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1021	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1022	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1023	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1024	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1025	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
1026	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1027	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1028	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1029	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1030	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1031	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1032	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1033	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1034	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
1035	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1037	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1038	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1039	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1040	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1041	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1042	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1043	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0
1044	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045	NW_012de	0.125	0.125	0.125	0.125	0.037	0.037	0.037	0.0
1046	NW_025de	0.25	0.25	0.25	0.25	0.071	0.071	0.071	0.0
1047	NW_037de	0.375	0.375	0.375	0.375	0.105	0.105	0.105	0.0
1048	NW_050de	0.5	0.5	0.5	0.5	0.139	0.139	0.139	0.0
1049	NW_062de	0.625	0.625	0.625	0.625	0.173	0.173	0.173	0.0
1050	NW_075de	0.75	0.75	0.75	0.75	0.207	0.207	0.207	0.0
1051	NW_087de	0.875	0.875	0.875	0.875	0.241	0.241	0.241	0.0
1052	NW_100de	1.0	1.0	1.0	1.0	0.275	0.275	0.275	0.0



TUB material: code=rha4ta
myn6* (CMYK)

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

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