

http://130.149.60.45/~farbmetrik/PE34/PE34L0FP.PDF /.PS; start output
F: 3D-linearization PE34/PE34LE30FP.DAT in file (F), page 1/22

Test chart 3 for color rendering: metameric colours A and P4000; offset print (CMYK)

Series:
metameric
m
A

**central
Z
A/P4000**

metameric
m
P4000

metameric
m
A

grey
g
A/P4000

metameric
m
P4000

see similar files: <http://130.149.60.45/~farbmietrik/PE34/PE34.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmietrik>

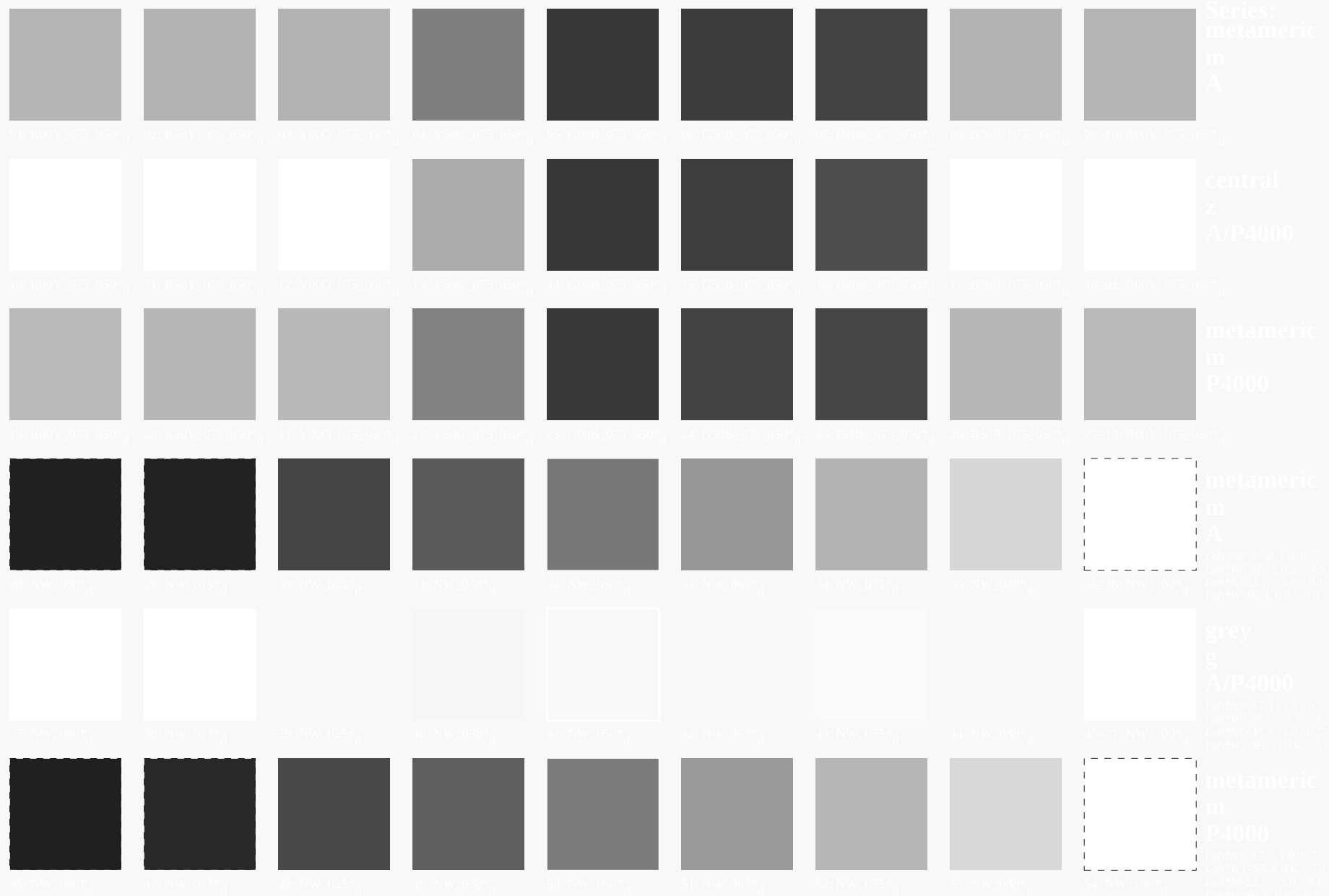
TUB-test chart PE34; colour rendering
54 colours; metameric for A&P4000; image technology

input: *rgb/cmyk* $\rightarrow$ *rgb/cmyk*
output: no change

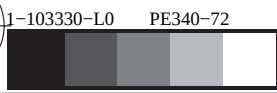
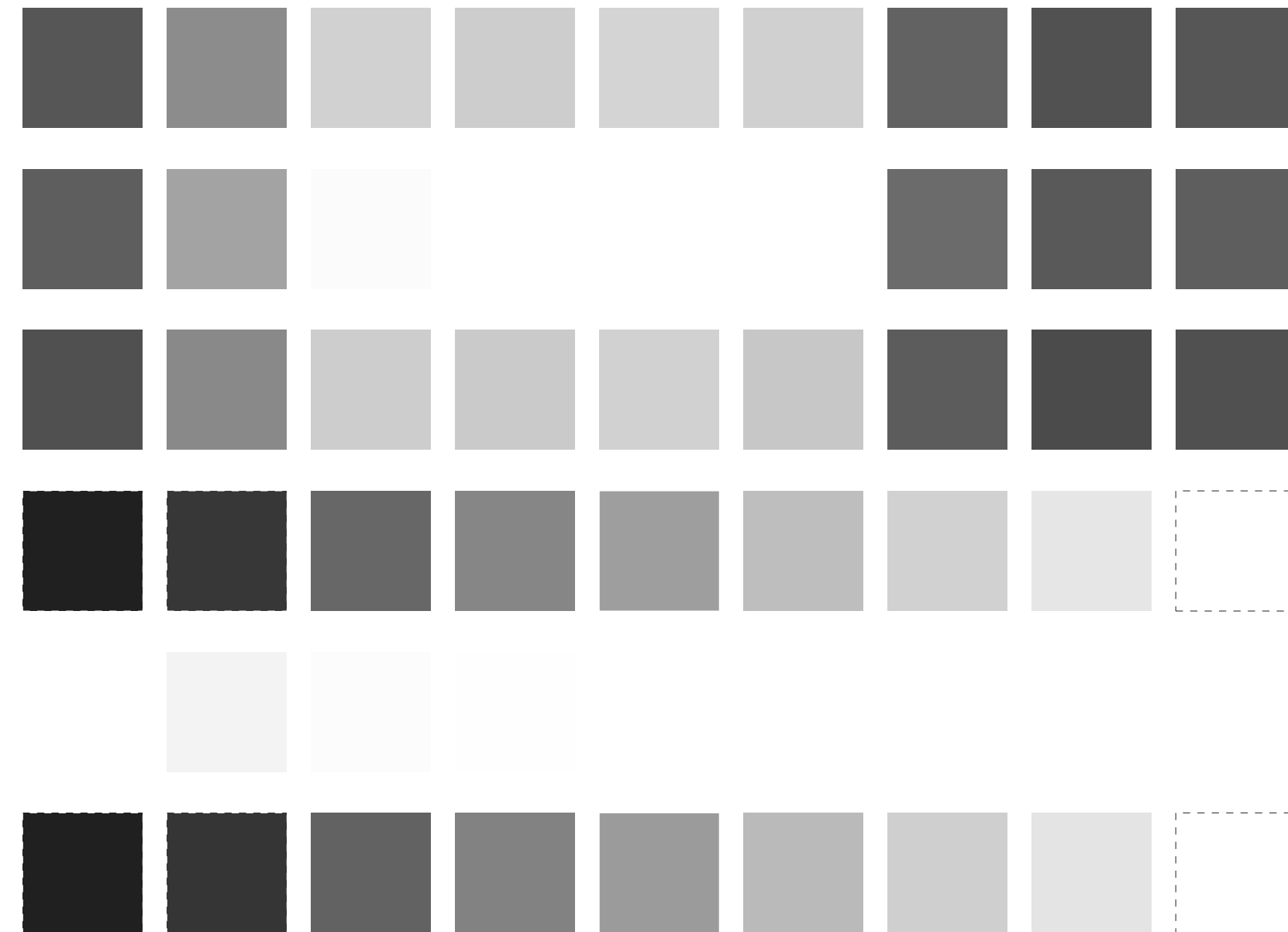
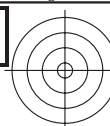
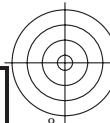
Test chart 3 for color rendering: metameric colours A and P4000; offset print (CMYK); $rgb \rightarrow rgb_{dd}$



Test chart 3 for color rendering: metameric colours A and P4000; offset print (CMYK); $rgb \rightarrow rgb_{dd}$



see similar files: <http://130.149.60.45/~farbmetrik/PE34/PE34L0FP.PDF> / .PS;
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

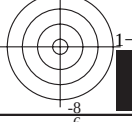
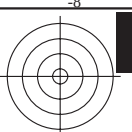




http://130.149.60.45/~farbmetrik/PE34/PE34L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE34/PE34LE30FP.DAT in file (F), page 5/22

TUB-test chart PE34; colour rendering
54 colours; metameric for A&P4000, 3D=1, de=0, cmyk*

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



see similar files: <http://130.149.60.45/~farbmetrik/PE34/PE34L0FP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



Test chart 3 for color rendering: metameric colours A and P4000; offset print (CMYK); *rgb*->*rgb_{dd}*

Series:
metameric
m
A

**central
Z
A/P4000**

metameric
m
P4000

metameric
m
A

grey
g
A/P4000
*Lab*N0*=17.8, 1.3, 0.7
*Lab*W0*=95.3, 0.3, -4.9
*Lab*N1*=17.7, 1.0, 0.7
*Lab*W1*=95.3, 0.6, -5.0

metameric
m
P4000

TUB-test chart PE34; colour rendering
54 colours; metameric for A&P4000, 3D=1, de=0, *cmk**

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

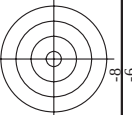


TUB material: code=rha4ta
myn6* (CMYK)

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

TUB-test chart PE34; colour rendering colors and differences, ΔE^* , 3D=1, $\Delta e=0$, cm/yk^*

[illegible]

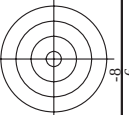


TUB material: code=rha4ta
nyn6* (CMYK)

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

11UB-test chart PE34; colour rendering colors and differences, ΔE^* , 3D=1, de=0, cmYk*

[illegible]

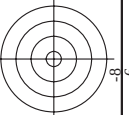


TUB material: code=rha4ta
nyn6* (CMYK)

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

PE340-7N, Page 9/22-F

n-j	HIC*Fid	rgb_Fid	lcr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyp*esp_Fid	cmyp*esp_Fid	hsa*Fid	rgb*Fid	LabCh*Fid	delta
1	NW_000R_012_012ad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	95.3	0.0
2	B00R_025_025ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	1.0	22.6	4.8
3	B00R_037_037ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
4	B00R_050_050ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
5	B00R_062_062ad	0.0	0.5	0.5	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
6	B00R_075_075ad	0.0	0.625	0.625	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
7	B00R_087_087ad	0.0	0.75	0.75	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
8	B00R_100_100ad	0.0	1.0	1.0	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
9	G00B_012_012ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
10	G50B_025_025ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
11	G75B_037_037ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
12	G84B_037_037ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
13	G88B_050_050ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
14	G88B_062_062ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
15	G32B_075_075ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
16	G32B_087_087ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
17	G34B_100_100ad	0.0	0.125	0.125	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
18	G00B_025_025ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
19	G25B_025_025ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
20	G00B_037_037ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
21	G00B_050_050ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
22	G75B_050_050ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
23	G84B_062_062ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
24	G84B_075_075ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
25	G88B_087_087ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
26	G88B_100_100ad	0.0	0.25	0.25	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
27	G15B_037_037ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
28	G34B_037_037ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
29	G34B_037_037ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
30	G15B_050_050ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
31	G61B_050_050ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
32	G61B_062_062ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
33	G61B_075_075ad	0.0	0.375	0.375	0.0	0.0	0.0	0.0	270	0.0	22.6	4.8
34	G75B_075_0											



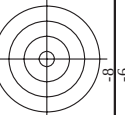
TUB material: code=rha4ta
nyn6* (CMYK)

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



n	HIC ^{1d}	rgb ^{1d}	iC ^{1d}	hs ^{1d}	rgb ^{3d}	LabCh ^{1d}	cmv ^{1d} _{sep}	hs ^{3d}	rgb ^{3d}	LabCh ^{3d}	Mean color difference of this page:										
											delta	delta	delta	delta	delta	delta	delta	delta	delta	delta	delta
81	R00Y_012_012 ^{1d}	0.125	0.0	0.125	0.125	0.0	0.0	39.9	0.0	0.469	0.0	0.0	389	1.0	0.0	0.0	55.7	66.7	55.8	87.0	39.9
82	R00Y_012_012 ^{3d}	0.125	0.0	0.125	0.125	0.0	0.0	6.6	0.0	0.469	0.0	0.0	330	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
83	B2R_025_025 ^{1d}	0.125	0.25	0.125	0.25	0.25	0.25	8.3	0.0	0.083	0.0	0.083	330	0.5	0.0	0.0	42.1	47.7	-16.4	50.5	340.9
84	B15R_037_037 ^{1d}	0.125	0.0	0.375	0.118	0.0	0.0	31.9	0.0	0.089	0.0	0.089	288	0.316	0.0	0.0	34.6	34.5	-30.2	45.9	318.7
85	B11R_050_050 ^{1d}	0.125	0.0	0.375	0.118	0.0	0.0	12.9	0.0	0.558	0.0	0.558	282	0.233	0.0	0.0	31.6	25.8	-37.0	45.1	304.8
86	B09R_062_062 ^{1d}	0.125	0.0	0.625	0.284	0.114	0.0	22.5	0.0	0.817	0.0	0.817	279	0.183	0.0	0.0	30.3	23.1	-39.3	45.6	300.5
87	B07R_075_075 ^{1d}	0.125	0.0	0.625	0.284	0.114	0.0	16.0	0.0	0.807	0.0	0.807	278	0.15	0.0	0.0	29.4	21.3	-40.7	45.9	297.6
88	B06R_087_087 ^{1d}	0.125	0.0	0.875	0.116	0.0	0.0	17.8	0.0	0.956	0.0	0.956	277	0.133	0.0	0.0	28.9	20.3	-41.3	46.1	296.2
89	B05R_100_100 ^{1d}	0.125	0.0	1.0	0.116	0.0	0.0	19.0	0.0	0.981	0.0	0.981	276	0.116	0.0	0.0	27.6	19.0	-42.4	46.4	294.1
90	Y00_010_010 ^{1d}	0.125	0.0	0.0	0.125	0.0	0.0	88.3	0.0	0.021	0.0	0.021	89	1.0	0.0	0.0	90.5	2.6	91.3	91.4	88.3
91	NW_012 ^{1d}	0.125	0.125	0.125	0.360	0.125	0.125	0.0	0.0	0.048	0.0	0.048	360	1.0	0.0	0.0	95.3	0.0	0.0	0.0	0.0
92	NW_025_012 ^{1d}	0.125	0.125	0.125	0.360	0.125	0.125	0.0	0.0	0.048	0.0	0.048	360	1.0	0.0	0.0	95.3	0.0	0.0	0.0	0.0
93	B00R_037_025 ^{1d}	0.125	0.125	0.375	0.270	0.124	0.124	28.1	0.0	0.048	0.0	0.048	360	1.0	0.0	0.0	95.3	0.0	0.0	0.0	0.0
94	B00R_050_037 ^{1d}	0.125	0.125	0.375	0.270	0.124	0.124	28.1	0.0	0.048	0.0	0.048	360	1.0	0.0	0.0	95.3	0.0	0.0	0.0	0.0
95	B00R_062_050 ^{1d}	0.125	0.125	0.625	0.270	0.124	0.124	1.8	0.0	0.599	0.0	0.599	270	0.0	0.0	0.0	22.6	4.8	-50.3	50.5	275.5
96	B00R_075_062 ^{1d}	0.125	0.125	0.625	0.270	0.124	0.124	2.4	0.0	0.786	0.0	0.786	270	0.0	0.0	0.0	22.6	4.8	-50.3	50.5	275.5
97	B00R_087_075 ^{1d}	0.125	0.125	0.875	0.270	0.125	0.125	3.6	0.0	0.838	0.0	0.838	270	0.0	0.0	0.0	22.6	4.8	-50.3	50.5	275.5
98	Y00R_087_087 ^{1d}	0.125	0.125	1.0	0.270	0.125	0.125	3.6	0.0	0.838	0.0	0.838	270	0.0	0.0	0.0	22.6	4.8	-50.3	50.5	275.5
99	Y0																				

n	HIC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	LabCh*Fid	cmyn*sep_Fid	0.759	0.722	0.674	hsa_Mid	rgb_Mid	LabCh*Mid	0.557	55.8	87.0	39.9		
243	ROYC_037_037ad	0.375 0.0 0.125	0.375 0.375 0.187	390	0.375 0.0 0.118	32.0 25.0	32.6	31.2	0.0	0.758	0.546	0.676	1.0	0.0	0.0	55.7	66.7	87.0	39.9	
244	ROYC_037_037ad	0.375 0.0 0.125	0.375 0.375 0.187	391	0.375 0.0 0.256	32.1 25.1	15.2	29.4	0.0	0.756	0.682	0.676	1.0	0.0	0.0316	56.0	67.1	40.7	78.5	31.2
245	B6SR_037_037ad	0.375 0.0 0.375	0.375 0.375 0.187	349	0.375 0.0 0.375	32.1 25.7	26.6	16.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0683	56.0	67.9	20.2	70.9	16.6
246	B6SR_037_037ad	0.375 0.0 0.375	0.375 0.375 0.187	330	0.375 0.0 0.375	32.1 25.7	29.8	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
247	B3RK_050_050ad	0.375 0.0 0.5	0.375 0.375 0.187	316	0.375 0.0 0.625	33.3 33.2	30.5	359.4	0.047	0.801	0.0	0.618	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
248	B3RK_050_050ad	0.375 0.0 0.625	0.375 0.375 0.187	307	0.375 0.0 0.625	33.3 33.2	30.5	359.4	0.047	0.801	0.0	0.618	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
249	B2OR_087_087ad	0.375 0.0 0.75	0.375 0.375 0.187	300	0.375 0.0 0.75	35.0 35.8	29.8	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
250	B2OR_087_087ad	0.375 0.0 0.875	0.375 0.375 0.187	295	0.375 0.0 0.875	35.0 35.8	29.8	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
251	B1RK_100_100ad	0.375 0.0 1.0	0.375 0.375 0.187	292	0.375 0.0 1.0	35.4 35.4	29.8	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
252	R31Y_037_037ad	0.375 0.125 0.125	0.375 0.375 0.187	49	0.375 0.118 0.0	35.4 35.4	29.8	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
253	ROYC_037_037ad	0.375 0.125 0.125	0.375 0.375 0.187	390	0.375 0.124 0.124	36.9 16.6	13.9	21.7	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
254	ROYC_037_037ad	0.375 0.125 0.125	0.375 0.375 0.187	390	0.375 0.124 0.124	36.9 16.6	13.9	21.7	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
255	B5OR_037_037ad	0.375 0.125 0.25	0.375 0.375 0.187	330	0.375 0.124 0.124	37.0 17.1	17.2	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
256	B5OR_037_037ad	0.375 0.125 0.25	0.375 0.375 0.187	330	0.375 0.124 0.124	37.0 17.1	17.2	6.6	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
257	B2SR_062_062ad	0.375 0.125 0.625	0.375 0.625 0.437	293	0.375 0.124 0.625	39.6 23.8	25.5	340.3	0.46	0.786	0.0	0.461	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
258	B1SR_087_087ad	0.375 0.125 0.75	0.375 0.625 0.437	293	0.375 0.124 0.75	39.6 23.8	25.5	340.3	0.46	0.786	0.0	0.461	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
259	B1SR_087_087ad	0.375 0.125 0.875	0.375 0.625 0.437	289	0.375 0.125 0.875	40.1 25.1	29.9	39.9	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
260	B1RK_100_100ad	0.375 0.125 1.0	0.375 0.625 0.437	286	0.375 0.125 1.0	40.5 25.1	30.5	309.4	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
261	R68Y_037_037ad	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.256 0.0	41.0 7.7	29.9	39.9	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
262	R68Y_037_037ad	0.375 0.25 0.125	0.375 0.375 0.187	71	0.375 0.256 0.125	41.0 7.7	29.9	39.9	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
263	ROYC_037_037ad	0.375 0.25 0.125	0.375 0.375 0.187	390	0.375 0.249 0.249	41.9 8.5	6.9	10.8	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
264	ROYC_037_037ad	0.375 0.25 0.125	0.375 0.375 0.187	390	0.375 0.249 0.249	41.9 8.5	6.9	10.8	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
265	B2SR_062_062ad	0.375 0.25 0.625	0.375 0.625 0.437	289	0.375 0.249 0.625	43.2 11.9	12.6	340.3	0.137	0.466	0.0	0.0606	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
266	B1SR_087_087ad	0.375 0.25 0.75	0.375 0.625 0.437	289	0.375 0.249 0.75	43.2 11.9	12.6	340.3	0.137	0.466	0.0	0.0606	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
267	B1RK_100_100ad	0.375 0.25 1.0	0.375 0.625 0.437	284	0.375 0.249 1.0	44.1 12.9	13.9	21.7	0.0	0.752	0.618	0.676	1.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
268	B0RK_000_000ad	0.375 0.25 0.0	0.375 0.375 0.187	279	0.375 0.25 0.0	45.0 16.4	30.5	290.6	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
269	B0RK_000_000ad	0.375 0.25 0.125	0.375 0.375 0.187	279	0.375 0.25 0.125	45.0 16.4	30.5	290.6	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
270	Y0RC_037_037ad	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.375 0.0	45.0 16.4	30.5	290.6	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
271	Y0RC_037_037ad	0.375 0.375 0.125	0.375 0.375 0.187	90	0.375 0.375 0.125	45.0 16.4	30.5	290.6	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
272	Y0RC_037_037ad	0.375 0.375 0.125	0.375 0.375 0.187	90	0.375 0.375 0.125	45.0 16.4	30.5	290.6	0.662	0.815	0.0	0.171	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
273	NW_037ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
274	B0RK_050_012ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
275	B0RK_050_012ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
276	B0RK_050_012ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
277	B0RK_050_012ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
278	B0RK_050_012ad	0.375 0.375 0.375	0.375 0.375 0.187	360	0.375 0.375 0.375	46.0 0.0	0.0	0.0	0.034	0.004	0.0	0.0	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
279	Y23C_050_050ad	0.375 0.5 0.0	0.375 0.375 0.187	109	0.375 0.5 0.0	51.2 -2.2	39.4	39.5	0.006	0.006	0.0	0.62	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
280	Y31G_050_037ad	0.375 0.5 0.125	0.375 0.375 0.187	109	0.375 0.5 0.125	51.2 -2.2	39.4	39.5	0.006	0.006	0.0	0.62	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
281	Y50C_050_012ad	0.375 0.5 0.25	0.375 0.375 0.187	109	0.375 0.5 0.25	51.2 -2.2	39.4	39.5	0.006	0.006	0.0	0.62	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
282	G00B_050_012ad	0.375 0.5 0.375	0.375 0.375 0.187	150	0.375 0.5 0.375	50.5 -7.5	1.8	7.7	0.006	0.006	0.0	0.62	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
283	G00B_050_012ad	0.375 0.5 0.375	0.375 0.375 0.187	150	0.375 0.5 0.375	50.5 -7.5	1.8	7.7	0.006	0.006	0.0	0.62	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
284	G73B_062_025ad	0.375 0.5 0.625	0.375 0.625 0.437	250	0.375 0.493 0.75	51.9 -5.4	-19.7	20.5	0.544	0.283	0.0	0.479	0.0	0.0	0.0	56.0	68.5	7.9	69.0	6.6
285	G84B_075_037ad	0.375 0.5 0.875	0.375 0.625 0.437	250	0.375 0.49															

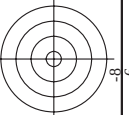


TUB material: code=rha4ta
nyn6* (CMYK)

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

TUB-test chart PE34; colour rendering
colors and differences, ΔE^* , 3D=1, de=0, $cmYk^*$

[illegible]



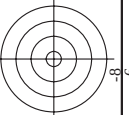
TUB material: code=rha4ta
nyn6* (CMYK)

TUB-test chart PE34; colour rendering colors and differences, ΔE^* , 3D=1, de=0, cm/yk*

TUB-test chart PE34; colour rendering, ΔE^* , 3D

<i>n</i>	<i>HIC[†]Fold</i>	<i>rgb[†]Fold</i>	<i>lct[†]Fold</i>	<i>hs₂[†]Fold</i>	<i>rgb[†]Fold</i>	<i>LabCH[†]Fold</i>	<i>cmyp[†]sep[†]Fold</i>	<i>hsan[†]Fold</i>	<i>rgb[†]Mid</i>	<i>LabCH[†]Mid</i>	<i>delta</i>				
567	R00Y_087_087.tad	0.875	0.0	0.875	0.875	0.437	390	389	1.0	0.0	55.7	66.7	55.8	87.0	39.9
568	R36Y_087_087.tad	0.875	0.125	0.875	0.875	0.437	382	382	1.0	0.0	0.133	55.8	66.8	49.8	83.4
569	R23Y_087_087.tad	0.875	0.0	0.875	0.875	0.437	374	375	1.0	0.0	0.266	56.0	67.0	43.4	79.8
570	R00Y_087_087.tad	0.875	0.375	0.875	0.875	0.437	365	365	1.0	0.0	0.416	55.9	67.4	35.0	76.0
571	B70R_087_087.tad	0.875	0.0	0.875	0.875	0.437	355	354	1.0	0.0	0.583	56.0	68.0	25.5	72.4
572	B63R_087_087.tad	0.875	0.0	0.875	0.875	0.437	346	344	1.0	0.0	0.733	56.0	68.0	17.6	70.3
573	B56R_087_087.tad	0.875	0.0	0.875	0.875	0.437	338	337	1.0	0.0	0.866	56.1	68.3	12.4	69.4
574	B50R_087_087.tad	0.875	0.0	0.875	0.875	0.437	330	330	1.0	0.0	0.866	56.1	68.3	12.4	69.4
575	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
576	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
577	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
578	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
579	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
580	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
581	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
582	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
583	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
584	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
585	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
586	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
587	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
588	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
589	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
590	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
591	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
592	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
593	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
594	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
595	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
596	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
597	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
598	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
599	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
600	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
601	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
602	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
603	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
604	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
605	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
606	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
607	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
608	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
609	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
610	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
611	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
612	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
613	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
614	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
615	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
616	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
617	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
618	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
619	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
620	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
621	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
622	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
623	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
624	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
625	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
626	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
627	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
628	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
629	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
630	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
631	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
632	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
633	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
634	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
635	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
636	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
637	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
638	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
639	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
640	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
641	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
642	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
643	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
644	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68.3	12.4	69.4
645	B44R_100_100.tad	0.875	0.0	1.0	0.875	0.437	323	323	1.0	0.0	0.866	56.1	68		

n	HIC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyn*sep_Fid	hsm_Fid	rgb*Fid	LabCh*Fid	delta			
648	R00Y_100_100ad	1.0	0.0	0.0	1.0	55.7	66.7	390	1.0	0.0	55.7	66.7	870	39.9
649	R38Y_100_100ad	1.0	0.0	0.0	1.0	55.8	66.8	383	1.0	0.0	55.8	66.8	838	37.1
650	R26Y_100_100ad	1.0	0.0	0.0	1.0	55.9	66.9	376	1.0	0.0	55.9	66.9	800	34.3
651	R13Y_100_100ad	1.0	0.0	0.0	1.0	56.0	67.1	368	1.0	0.0	56.0	67.1	772	31.5
652	R00Y_100_100ad	1.0	0.0	0.0	1.0	56.1	67.2	360	1.0	0.0	56.1	67.2	734	28.7
653	B68R_100_100ad	1.0	0.0	0.0	1.0	56.2	67.3	352	1.0	0.0	56.2	67.3	696	25.9
654	B61R_100_100ad	1.0	0.0	0.0	1.0	56.3	67.4	344	1.0	0.0	56.3	67.4	658	23.1
655	B55R_100_100ad	1.0	0.0	0.0	1.0	56.4	67.5	337	1.0	0.0	56.4	67.5	620	20.3
656	B50R_100_100ad	1.0	0.0	0.0	1.0	56.5	67.6	330	1.0	0.0	56.5	67.6	582	17.5
657	R11Y_100_100ad	1.0	0.0	0.0	1.0	56.6	67.7	324	1.0	0.0	56.6	67.7	544	14.7
658	R00Y_100_100ad	1.0	0.0	0.0	1.0	56.7	67.8	318	1.0	0.0	56.7	67.8	506	11.9
659	R36Y_100_100ad	1.0	0.0	0.0	1.0	56.8	67.9	312	1.0	0.0	56.8	67.9	468	9.1
660	R23Y_100_100ad	1.0	0.0	0.0	1.0	56.9	68.0	306	1.0	0.0	56.9	68.0	430	6.3
661	R00Y_100_100ad	1.0	0.0	0.0	1.0	57.0	68.1	300	1.0	0.0	57.0	68.1	392	3.5
662	B70R_100_100ad	1.0	0.0	0.0	1.0	57.1	68.2	294	1.0	0.0	57.1	68.2	354	0.7
663	B63R_100_100ad	1.0	0.0	0.0	1.0	57.2	68.3	288	1.0	0.0	57.2	68.3	316	-2.1
664	B56R_100_100ad	1.0	0.0	0.0	1.0	57.3	68.4	282	1.0	0.0	57.3	68.4	278	-4.9
665	B50R_100_100ad	1.0	0.0	0.0	1.0	57.4	68.5	276	1.0	0.0	57.4	68.5	240	-7.7
666	R23Y_100_100ad	1.0	0.0	0.0	1.0	57.5	68.6	270	1.0	0.0	57.5	68.6	202	-10.5
667	R13Y_100_100ad	1.0	0.0	0.0	1.0	57.6	68.7	264	1.0	0.0	57.6	68.7	164	-13.3
668	R00Y_100_100ad	1.0	0.0	0.0	1.0	57.7	68.8	258	1.0	0.0	57.7	68.8	126	-16.1
669	R36Y_100_100ad	1.0	0.0	0.0	1.0	57.8	68.9	252	1.0	0.0	57.8	68.9	88	-18.9
670	R23Y_100_100ad	1.0	0.0	0.0	1.0	57.9	69.0	246	1.0	0.0	57.9	69.0	50	-21.7
671	R00Y_100_100ad	1.0	0.0	0.0	1.0	58.0	69.1	240	1.0	0.0	58.0	69.1	12	-24.5
672	B63R_100_100ad	1.0	0.0	0.0	1.0	58.1	69.2	234	1.0	0.0	58.1	69.2	-14	-27.3
673	B56R_100_100ad	1.0	0.0	0.0	1.0	58.2	69.3	228	1.0	0.0	58.2	69.3	-52	-30.1
674	B50R_100_100ad	1.0	0.0	0.0	1.0	58.3	69.4	222	1.0	0.0	58.3	69.4	-110	-32.9
675	R36Y_100_100ad	1.0	0.0	0.0	1.0	58.4	69.5	216	1.0	0.0	58.4	69.5	-168	-35.7
676	R26Y_100_100ad	1.0	0.0	0.0	1.0	58.5	69.6	210	1.0	0.0	58.5	69.6	-226	-38.5
677	R15Y_100_100ad	1.0	0.0	0.0	1.0	58.6	69.7	204	1.0	0.0	58.6	69.7	-284	-41.3
678	R00Y_100_100ad	1.0	0.0	0.0	1.0	58.7	69.8	198	1.0	0.0	58.7	69.8	-342	-44.1
679	R31Y_100_100ad	1.0	0.0	0.0	1.0	58.8	69.9	192	1.0	0.0	58.8	69.9	-400	-46.9
680	R11Y_100_100ad	1.0	0.0	0.0	1.0	58.9	70.0	186	1.0	0.0	58.9	70.0	-458	-49.7
681	B69R_100_100ad	1.0	0.0	0.0	1.0	59.0	70.1	180	1.0	0.0	59.0	70.1	-516	-52.5
682	B59R_100_100ad	1.0	0.0	0.0	1.0	59.1	70.2	174	1.0	0.0	59.1	70.2	-574	-55.3
683	B50Y_100_100ad	1.0	0.0	0.0	1.0	59.2	70.3	168	1.0	0.0	59.2	70.3	-632	-58.1
684	R50Y_100_100ad	1.0	0.0	0.0	1.0	59.3	70.4	162	1.0	0.0	59.3	70.4	-690	-60.9
685	R41Y_100_100ad	1.0	0.0	0.0	1.0	59.4	70.5	156	1.0	0.0	59.4	70.5	-748	-63.7
686	R31Y_100_100ad	1.0	0.0	0.0	1.0	59.5	70.6	150	1.0	0.0	59.5	70.6	-806	-66.5
687	R18Y_100_100ad	1.0	0.0	0.0	1.0	59.6	70.7	144	1.0	0.0	59.6	70.7	-864	-69.3
688	R00Y_100_100ad	1.0	0.0	0.0	1.0	59.7	70.8	138	1.0	0.0	59.7	70.8	-922	-72.1
689	R26Y_100_100ad	1.0	0.0	0.0	1.0	59.8	70.9	132	1.0	0.0	59.8	70.9	-980	-74.9
690	R00Y_100_100ad	1.0	0.0	0.0	1.0	59.9	71.0	126	1.0	0.0	59.9	71.0	-1038	-77.7
691	B61R_100_100ad	1.0	0.0	0.0	1.0	60.0	71.1	120	1.0	0.0	60.0	71.1	-1096	-80.5
692	B50R_100_100ad	1.0	0.0	0.0	1.0	60.1	71.2	114	1.0	0.0	60.1	71.2	-1154	-83.3
693	R63Y_100_100ad	1.0	0.0	0.0	1.0	60.2	71.3	108	1.0	0.0	60.2	71.3	-1212	-86.1
694	R38Y_100_100ad	1.0	0.0	0.0	1.0	60.3	71.4	102	1.0	0.0	60.3	71.4	-1270	-88.9
695	R30Y_100_100ad	1.0	0.0	0.0	1.0	60.4	71.5	96	1.0	0.0	60.4	71.5	-1328	-91.7
696	R23Y_100_100ad	1.0	0.0	0.0	1.0	60.5	71.6	90	1.0	0.0	60.5	71.6	-1386	-94.5
697	R00Y_100_100ad	1.0	0.0	0.0	1.0	60.6	71.7	84	1.0	0.0	60.6	71.7	-1444	-97.3
698	R36Y_100_100ad	1.0	0.0	0.0	1.0	60.7	71.8	78	1.0	0.0	60.7	71.8	-1502	-100.1
699	R23Y_100_100ad	1.0	0.0	0.0	1.0	60.8	71.9	72	1.0	0.0	60.8	71.9	-1560	-102.9
700	B63R_100_100ad	1.0	0.0	0.0	1.0	60.9	72.0	66	1.0	0.0	60.9	72.0	-1618	-105.7
701	B50R_100_100ad	1.0	0.0	0.0	1.0	61.0	72.1	60	1.0	0.0	61.0	72.1	-1676	-108.5
702	R76Y_100_100ad	1.0	0.0	0.0	1.0	61.1	72.2	54	1.0	0.0	61.1	72.2	-1734	-111.3
703	R31Y_100_100ad	1.0	0.0	0.0	1.0	61.2	72.3	48	1.0	0.0	61.2	72.3	-1792	-114.1
704	B69R_100_100ad	1.0	0.0	0.0	1.0	61.3	72.4	42	1.0	0.0	61.3	72.4	-1850	-116.9
705	B59Y_100_100ad	1.0	0.0	0.0	1.0	61.4	72.5	36	1.0	0.0	61.4	72.5	-1908	-119.7
706	R50Y_100_100ad	1.0	0.0	0.0	1.0	61.5	72.6	30	1.0	0.0	61.5	72.6	-1966	-122.5
707	R31Y_100_100ad	1.0	0.0	0.0	1.0	61.6	72.7	24	1.0	0.0	61.6	72.7	-2024	-125.3
708	R00Y_100_100ad	1.0	0.0	0.0	1.0	61.7	72.8	18	1.0	0.0	61.7	72.8	-2082	-128.1
709	R36Y_100_100ad	1.0	0.0	0.0	1.0	61.8	72.9	12	1.0	0.0	61.8	72.9	-2140	-130.9
710	B50R_100_100ad	1.0	0.0	0.0	1.0	61.9	73.0	6	1.0	0.0	61.9	73.0	-2198	-133.7
711	R88Y_100_100ad	1.0	0.0	0.0	1.0	62.0	73.1	0	1.0	0.0	62.0	73.1	-2256	-136.5
712	R66Y_100_100ad	1.0	0.0	0.0	1.0	62.1	73.2	-6	1.0	0.0	62.1	73.2	-2314	-139.3
713	R85Y_100_100ad	1.0	0.0	0.0	1.0	62.2	73.3	-12	1.0	0.0	62.2	73.3	-2372	-142.1
714	R81Y_100_100ad	1.0	0.0	0.0	1.0	62.3	73.4	-18	1.0	0.0	62.3	73.4	-2430	-144.9
715	R76Y_100_100ad	1.0	0.0	0.0	1.0	62.4	73.5	-24	1.0	0.0	62.4	73.5	-2488	-147.7
716	R68Y_100_100ad	1.0	0.0	0.0	1.0	62.5	73.6	-30	1.0	0.0	62.5	73.6	-2546	-150.5
717	R50Y_100_100ad	1.0	0.0	0.0	1.0	62.6	73.7	-36	1.0	0.0	62.6	73.7	-2604	-153.3
718	R00Y_100_100ad	1.0	0.0	0.0	1.0	62.7	73.8	-42	1.0	0.0	62.7	73.8	-2662	-156.1
719	B50R_100_100ad	1.0	0.0	0.0	1.0	62.8	73.9	-48	1.0	0.0	62.8	73.9	-2720	-158.9
720	Y00C_100_100ad	1.0	0.0	0.0	1.0	62.9	74.0	-54	1.0	0.0	62.9	74.0	-2778	-161.7
721	Y00C_100_100ad	1.0	0.0	0.0	1.0	63.0	74.1	-60	1.0	0.0	63.0	74.1	-2836	-164.5
722	Y00C_100_100ad	1.0	0.0	0.0	1.0	63.1	74.2	-66	1.0	0.0	63.1	74.2	-2894	-167.3
723	Y00C_100_100ad	1.0	0.0	0.0	1.0	63.2	74.3	-72	1.0	0.0	63.2	74.3	-2952	-170.1
724	Y00C_100_100ad	1.0	0.0	0.0	1.0	63.3	74.4	-78	1.0	0.0	63.3	74.4	-3010	-172



TUB material: code=rha4ta
nyn6* (CMYK)

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

TUB-test chart PE34; colour rendering colors and differences, ΔE^* , 3D=1, de=0, cmyk*

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n	HIC ^{Full}	rgp ^{Full}	tcr ^{Full}	hsa ^{Full}	LabCH ^{Full}	cmv ^{sep} Full	hsa ^{Mid}	rgp ^{Mid}	LabCH ^{Mid}	Mean color difference of this page:		delta
										0.0	0.0	
810	NW_100kd	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0	95.3	0.0	0.0
811	B00R_100_012kd	0.875	0.875	1.0	86.2	0.6	270	0.0	0.0	22.6	4.8	-50.3
812	B00R_100_025kd	0.75	0.75	1.0	77.1	1.2	270	0.0	0.0	22.6	4.8	-50.3
813	B00R_100_037kd	0.625	0.625	1.0	68.0	1.8	270	0.0	0.0	22.6	4.8	-50.3
814	B00R_100_050kd	0.5	0.5	1.0	58.9	2.4	270	0.0	0.0	22.6	4.8	-50.3
815	B00R_100_062kd	0.375	0.375	1.0	49.8	3.0	270	0.0	0.0	22.6	4.8	-50.3
816	B00R_100_075kd	0.25	0.25	1.0	40.8	3.6	270	0.0	0.0	22.6	4.8	-50.3
817	B00R_100_087kd	0.125	0.125	1.0	31.7	4.2	270	0.0	0.0	22.6	4.8	-50.3
818	B00R_100_100kd	0.0	0.0	1.0	22.6	4.8	270	0.0	0.0	22.6	4.8	-50.3
819	NW_087kd	1.0	1.0	0.875	94.7	0.3	360	1.0	1.0	95.3	0.0	0.0
820	NW_087kd	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0	95.3	0.0	0.0
821	NW_087_012kd	0.75	0.75	0.875	76.5	0.6	270	0.0	0.0	22.6	4.8	-50.3
822	B00R_087_025kd	0.625	0.625	0.875	67.4	1.2	270	0.0	0.0	22.6	4.8	-50.3
823	B00R_087_037kd	0.5	0.5	0.875	58.3	1.8	270	0.0	0.0	22.6	4.8	-50.3
824	B00R_087_050kd	0.375	0.375	0.875	49.2	2.4	270	0.0	0.0	22.6	4.8	-50.3
825	B00R_087_062kd	0.25	0.25	0.875	40.2	3.0	270	0.0	0.0	22.6	4.8	-50.3
826	B00R_087_075kd	0.125	0.125	0.875	31.1	3.6	270	0.0	0.0	22.6	4.8	-50.3
827	B00R_087_087kd	0.0	0.0	0.875	22.0	4.2	270	0.0	0.0	22.6	4.8	-50.3
828	Y00G_100_012kd	1.0	1.0	0.875	94.1	0.3	360	1.0	1.0	95.3	0.0	0.0
829	Y00G_100_025kd	0.875	0.875	0.875	85.0	0.0	360	1.0	1.0	95.3	0.0	0.0
830	Y00G_100_037kd	0.75	0.75	0.875	75.9	0.6	270	0.0	0.0	22.6	4.8	-50.3
831	Y00G_100_050kd	0.625	0.625	0.875	66.8	1.2	270	0.0	0.0	22.6	4.8	-50.3
832	Y00G_100_062kd	0.5	0.5	0.875	57.7	1.8	270	0.0	0.0	22.6	4.8	-50.3
833	Y00G_100_075kd	0.375	0.375	0.875	48.6	2.4	270	0.0	0.0	22.6	4.8	-50.3
834	B00R_075_037kd	0.375	0.375	0.75	48.6	1.8	270	0.0	0.0	22.6	4.8	-50.3
835	B00R_075_050kd	0.25	0.25	0.75	39.6	2.4	270	0.0	0.0	22.6	4.8	-50.3
836	B00R_075_062kd	0.125	0.125	0.75	30.5	3.0	270	0.0	0.0	22.6	4.8	-50.3
837	Y00G_075_037kd	1.0	1.0	0.625	93.5	0.1	360	1.0	1.0	95.3	0.0	0.0
838	Y00G_075_050kd	0.875	0.875	0.625	84.4	0.6	270	0.0	0.0	22.6	4.8	-50.3
839	Y00G_075_062kd	0.75	0.75	0.625	75.3	1.2	270	0.0	0.0	22.6	4.8	-50.3
840	NW_062kd	1.0	1.0	0.625	66.2	0.0	360	1.0	1.0	95.3	0.0	0.0
841	B00R_062_012kd	0.875	0.875	0.625	57.1	0.6	270	0.0	0.0	22.6	4.8	-50.3
842	B00R_062_025kd	0.75	0.75	0.625	48.0	1.2	270	0.0	0.0	22.6	4.8	-50.3
843	B00R_062_037kd	0.625	0.625	0.625	39.9	1.8	270	0.0	0.0	22.6	4.8	-50.3
844	B00R_062_050kd	0.5	0.5	0.625	30.8	2.4	270	0.0	0.0	22.6	4.8	-50.3
845	B00R_062_062kd	0.375	0.375	0.625	21.7	3.0	270	0.0	0.0	22.6	4.8	-50.3
846	Y00G_100_062kd	1.0	1.0	0.5	92.9	1.3	360	1.0	1.0	95.3	0.0	0.0
847	Y00G_087_037kd	0.875	0.875	0.5	83.8	1.0	270	0.0	0.0	22.6	4.8	-50.3
848	Y00G_075_025kd	0.75	0.75	0.5	74.7	0.6	270	0.0	0.0	22.6	4.8	-50.3
849	Y00G_062_012kd	0.625	0.625	0.5	65.6	1.2	270	0.0	0.0	22.6	4.8	-50.3
850	NW_050kd	1.0	1.0	0.5	56.5	0.0	360	1.0	1.0	95.3	0.0	0.0
851	B00R_050_012kd	0.875	0.875	0.5	47.4	0.6	270	0.0	0.0	22.6	4.8	-50.3
852	B00R_050_025kd	0.75	0.75	0.5	38.3	1.2	270	0.0	0.0	22.6	4.8	-50.3
853	B00R_050_037kd	0.625	0.625	0.5	29.3	1.8	270	0.0	0.0	22.6	4.8	-50.3
854	B00R_050_050kd	0.5	0.5	0.5	20.2	2.4	270	0.0	0.0	22.6	4.8	-50.3
855	Y00G_100_062kd	1.0	1.0	0.375	92.3	1.6	360	1.0	1.0	95.3	0.0	0.0
856	Y00G_087_050kd	0.875	0.875	0.375	83.2	1.3	270	0.0	0.0	22.6	4.8	-50.3
857	Y00G_075_037kd	0.75	0.75	0.375	74.1	1.0	270	0.0	0.0	22.6	4.8	-50.3
858	Y00G_062_025kd	0.625	0.625	0.375	65.0	0.6	270	0.0	0.0	22.6	4.8	-50.3
859	Y00G_050_012kd	0.5	0.5	0.375	55.9	0.3	360	1.0	1.0	95.3	0.0	0.0
860	Y00G_037_037kd	0.375	0.375	0.375	46.9	0.0	270	0.0	0.0	22.6	4.8	-50.3
861	B00R_100_012kd	0.875	0.875	1.0	86.2	0.6	270	0.0	0.0	22.6	4.8	-50.3
862	B00R_100_025kd	0.75	0.75	1.0	77.1	1.2	270	0.0	0.0	22.6	4.8	-50.3
863	B00R_100_037kd	0.625	0.625	1.0	68.0	1.8	270	0.0	0.0	22.6	4.8	-50.3
864	Y00G_100_050kd	0.5	0.5	1.0	58.9	2.4	270	0.0	0.0	22.6	4.8	-50.3
865	Y00G_087_062kd	0.875	0.875	0.25	81.6	0.0	360	1.0	1.0	95.3	0.0	0.0
866	Y00G_087_062kd	0.875	0.875	0.25	81.6	0.0	360	1.0	1.0	95.3	0.0	0.0
867	Y00G_075_050kd	0.75	0.75	0.25	73.5	1.3	270	0.0	0.0	22.6	4.8	-50.3
868	Y00G_062_037kd	0.625	0.625	0.25	64.4	1.0	270	0.0	0.0	22.6	4.8	-50.3
869	Y00G_050_025kd	0.5	0.5	0.25	55.3	0.6	270	0.0	0.0	22.6	4.8	-50.3
870	Y00G_037_012kd	0.375	0.375	0.25	46.2	0.3	360	1.0	1.0	95.3	0.0	0.0
871	B00R_025_050kd	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0	95.3	0.0	0.0
872	B00R_025_050kd	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0	95.3	0.0	0.0
873	Y00G_100_025kd	1.0	1.0	0.125	91.1	2.3	360	1.0	1.0	95.3	0.0	0.0
874	Y00G_087_075kd	0.875	0.875	0.125	82.0	2.0	270	0.0	0.0	22.6	4.8	-50.3
875	Y00G_075_062kd	0.75	0.75	0.125	72.9	1.6	270	0.0	0.0	22.6	4.8	-50.3
876	Y00G_062_050kd	0.625	0.625	0.125	63.8	1.3	270	0.0	0.0	22.6	4.8	-50.3
877	Y00G_050_037kd	0.5	0.5	0.125	54.7	1.0	270	0.0	0.0	22.6	4.8	-50.3
878	Y00G_037_025kd	0.375	0.375	0.125	45.6	0.6	270	0.0	0.0	22.6	4.8	-50.3
879	Y00G_025_025kd	0.25	0.25	0.125	36.5	0.3	360	1.0	1.0	95.3	0.0	0.0
880	NW_012kd	1.0	1.0	0.125	91.1	2.3	360	1.0	1.0	95.3	0.0	0.0
881	B00R_012_012kd	0.875	0.875	0.125	82.0	2.0	270	0.0	0.0	22.6	4.8	-50.3
882	Y00G_100_100kd	1.0	1.0	0.5	90.5	2.6	360	1.0	1.0	95.3	0.0	0.0
883	Y00G_087_087kd	0.875	0.875	0.5	81.4	2.3	270	0.0	0.0	22.6	4.8	-50.3
884	Y00G_075_075kd	0.75	0.75	0.5	72.3	2.0	270	0.0	0.0	22.6	4.8	-50.3
885	Y00G_062_062kd	0.625	0.625	0.5	63.2	1.6	270	0.0	0.0	22.6	4.8	-50.3
886	Y00G_050_050kd	0.5	0.5	0.5	54.1	1.3	270	0.0	0.0	22.6	4.8	-50.3
887	Y00G_037_037kd	0.375	0.375	0.5	45.0	0.8	270	0.0	0.0	22.6	4.8	-50.3
888	Y00G_025_025kd	0.25	0.25	0.5	36.0	0.6	270	0.0	0.0	22.6	4.8	-50.3
889	Y00G_012_012kd	1.0	1.0	0.125	91.1	2.3	360	1.0	1.0	95.3	0.0	0.0
890	NW_100kd	1.0	1.0	0.0	17.8	0.0	360	1.0	1.0	95.3	0.0	0.0



TUB material: code=rha4ta
nyn6* (CMYK)

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

[illegible]

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n	HC*Field	rgb*Field	ic*Field	hsa*Field	rgb*Field	LabCH*Field	cmyk*sep-Field	hsa*id	rgb*Field	LabCH*Field
972	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
973	NW_012ad	0.125	0.125	0.125	0.125	17.8	0.0	360	1.0	1.0
974	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
975	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
976	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
977	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
978	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
979	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
980	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
981	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
982	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
983	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
984	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
985	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
986	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
987	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
988	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
989	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
990	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
991	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
992	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
993	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
994	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
995	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
996	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
997	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
998	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
999	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1000	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1001	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1002	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1003	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1004	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1005	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1006	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1007	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
1008	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1009	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1010	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1011	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1012	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1013	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1014	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1015	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1016	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
1017	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1018	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1019	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1020	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1021	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1022	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1023	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1024	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1025	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
1026	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1027	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1028	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1029	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1030	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1031	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1032	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1033	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1034	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
1035	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1036	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1037	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1038	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1039	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1040	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1041	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1042	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1043	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0
1044	NW_000ad	0.0	0.0	0.0	0.0	17.8	0.0	360	1.0	1.0
1045	NW_012ad	0.125	0.125	0.125	0.125	27.5	0.0	360	1.0	1.0
1046	NW_025ad	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	1.0
1047	NW_037ad	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	1.0
1048	NW_050ad	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	1.0
1049	NW_062ad	0.625	0.625	0.625	0.625	66.2	0.0	360	1.0	1.0
1050	NW_075ad	0.75	0.75	0.75	0.75	75.9	0.0	360	1.0	1.0
1051	NW_087ad	0.875	0.875	0.875	0.875	85.6	0.0	360	1.0	1.0
1052	NW_100ad	1.0	1.0	1.0	1.0	95.3	0.0	360	1.0	1.0

Mean color difference of this page:

delta

n	HC*Fid	rgb*Fid	lct*Fid	hsa*Fid	rgb*Fid	LabCh*Fid	cmyn*sep*Fid	cmyn*sep*Fid	hsa*del	rgb*del	LabCh*del	delta
1053	NW_086del	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	84.9 0.0 0.0	0.026 0.0 0.0	0.181 0.002 0.086	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1054	NW_093del	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.1 0.0 0.0	0.023 0.0 0.0	0.086 0.002 0.086	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1055	NW_100del	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1056	NW_006del	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	22.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1057	NW_006del	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	22.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1058	NW_013del	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	33.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1059	NW_020del	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	33.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1060	NW_026del	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	33.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1061	NW_033del	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	43.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1062	NW_040del	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	48.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1063	NW_046del	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	53.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1064	NW_053del	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	59.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1065	NW_060del	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	64.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1066	NW_066del	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	69.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1067	NW_073del	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	74.6 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1068	NW_080del	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	79.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1069	NW_086del	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	84.9 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1070	NW_093del	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.1 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1071	NW_100del	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.3 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1072	NW_006del	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1073	NW_006del	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1074	ROY_100_100del	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	55.7 55.7 66.7	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1075	G50E_100_100del	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	50.7 50.7 91.3	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1076	Y06E_100_100del	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	91.3 91.3 50.7	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1077	B06E_100_100del	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	0.0 1.0 0.0	50.7 50.7 91.3	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1078	R06E_100_100del	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	0.0 0.0 1.0	91.3 91.3 50.7	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0
1079	B50E_100_100del	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	47.2 47.2 68.5	0.0 0.0 0.0	0.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.3 95.3 95.3	0.0 0.0 0.0