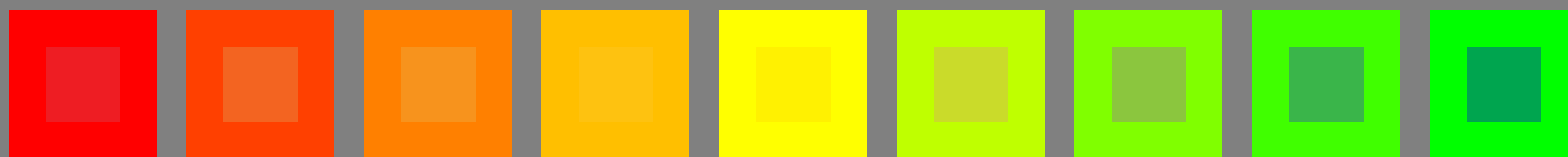


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0)



Series:
maximum
m

01: R00Y_100_100 02: R25Y_100_100 03: R50Y_100_100 04: R75Y_100_100 05: Y00G_100_100 06: Y25G_100_100 07: Y50G_100_100 08: Y75G_100_100 09=10: G00B_100_100

maximum
m

10: G00B 100 100 11: G25B 100 100 12: G50B 100 100 13: G75B 100 100 14: B00M 100 100 15: B25R 100 100 16: B50R 100 100 17: B75R 100 100 18=01: R00Y 100 100

whitish
W

19: B00Y 100 050 20: B50Y 100 050 21: Y00G 100 050 22: Y50G 100 050 23: G00B 100 050 24: G50B 100 050 25: B00R 100 050 26: B50R 100 050 27:19: B00Y 100 050

central
Z

28: R00Y 075 050 29: R50Y 075 050 30: Y00G 075 050 31: Y50G 075 050 32: G00B 075 050 33: G50B 075 050 34: B00R 075 050 35: B50R 075 050 36: 28: R00Y 075 050

blackish
n

37: R00Y 050 050 38: R50Y 050 050 39: Y00G 050 050 40: Y50G 050 050 41: G00R 050 050 42: G50R 050 050 43: B00R 050 050 44: B50R 050 050 45=37: R00Y 050 050

grey
g

TUB-test chart PE18; colour rendering
54 standard colours; image technology

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

Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb * de$

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

TUB registration: 20130201-PE18/PE18LOFA.TXT /.PS
+ application for measurement of offset print output, separations

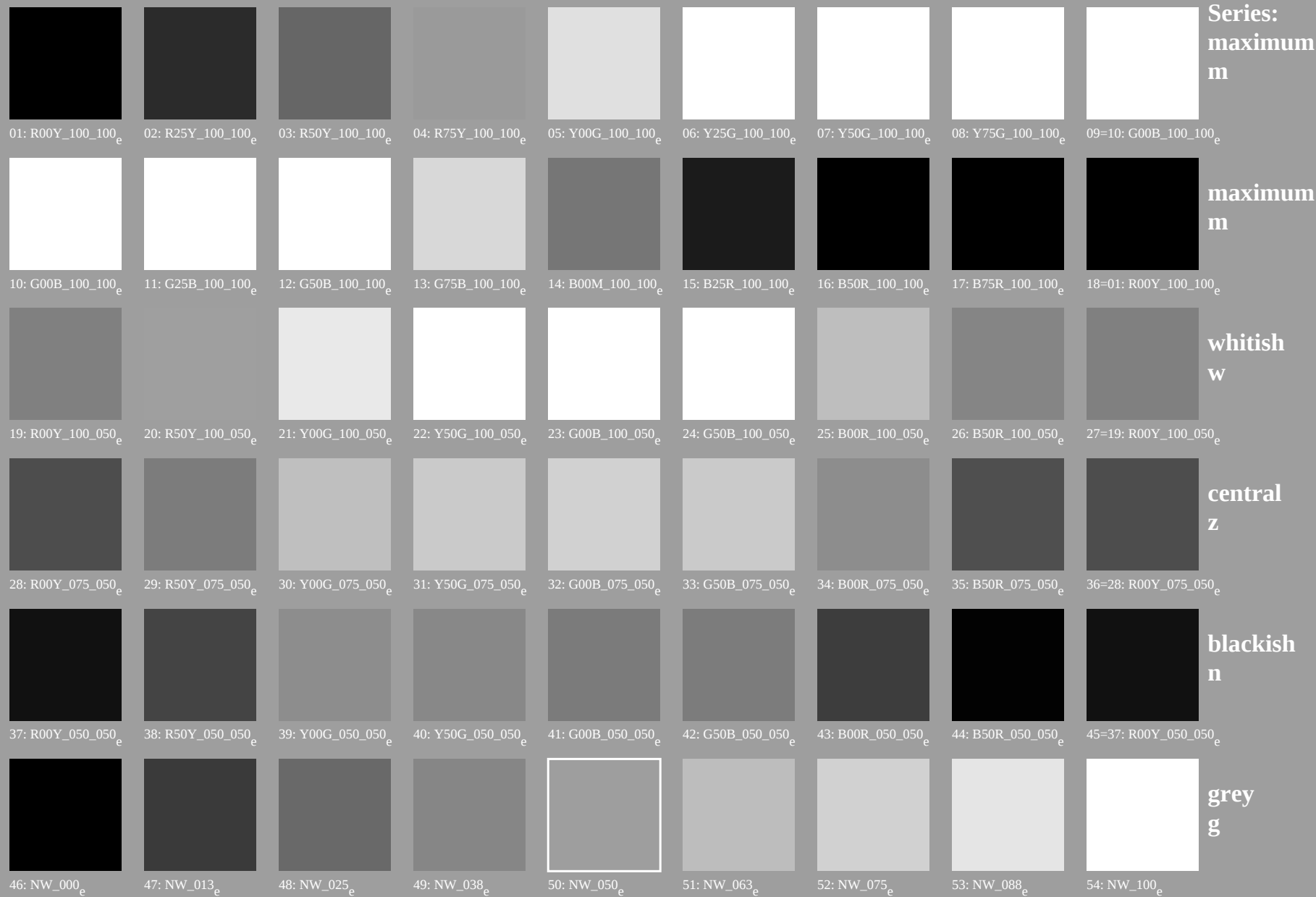
TUB material: code=rh4ta
my0* (CMY0)

see similar files: <http://130.149.60.45/~farbmeterik/PE18/PE18.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB-test chart PE18; colour rendering
54 standard colours, 3D=1, de=1, *cmy0**

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

Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb_{de}$



Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMY0); $rgb \rightarrow rgb * de$

Series:
maximum
m

maximum
m

whitish
W

central
Z

blackish
n

grey
g

TUB registration: 20130201-PE18/PE18LOFA.TXT /.PS
+ application for measurement of offset print output, separations

TUB material: code=rh4ta
ny0* (CMY0)

see similar files: <http://130.149.60.45/~farbmeterik/PE18/PE18.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

TUB-test chart PE18; colour rendering
54 standard colours, 3D=1, de=1, *cmY0**

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



TUB material: code=rha4ta
my0* (CMY0)

input: *rgb/cmyk* → *rgb*_{de}
output: 3D-linearization to *cmy0**_{de}

TUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=1, cmv0*

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-113631-E0

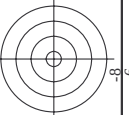
[illegible]



TUB material: code=rha4ta
my0* (CMY0)

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

TUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=1, cmY0*[illegible]



TUB material: code=rha4ta
ny0* (CMY0)

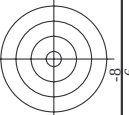
input: $rgb/cmyk \rightarrow rgb_{de}$
 output: 3D-linearization to $cmy0^*_{de}$

<http://130.149.60.45/~farbmatrik/PE18/PE18LOFA.TXT /.PS; 3D-linearization>
F: 3D-linearization PE18/PE18LOFA.DAT in file (F), page 12/22

TUB-test chart PE18; colour rendering
colors and differences, ΔE^* , 3D=1, de=1, cmy0*

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n	HiC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmy0*sepFile	delta	mean color difference of this page:
243	R00Y.037.037.de	0.375 0.0 0.125	0.375 0.375 0.187	390	0.375 0.0 0.095	32.3	27.0	25.4	0.671 0.921 0.895 0.0
244	R10Y.037.037.de	0.375 0.0 0.125	0.375 0.375 0.187	371	0.375 0.0 0.31	32.4	27.0	25.4	0.671 0.921 0.895 0.0
245	R20Y.037.037.de	0.375 0.0 0.125	0.375 0.375 0.187	349	0.375 0.0 0.31	32.4	27.0	25.4	0.671 0.921 0.895 0.0
246	B65R.037.037.de	0.375 0.0 0.125	0.375 0.375 0.187	340	0.226 0.0 0.375	26.9	19.3	24.1	0.671 0.921 0.895 0.0
247	B30R.060.050.de	0.375 0.0 0.125	0.375 0.375 0.187	307	0.067 0.0 0.5	26.1	18.7	25.1	0.671 0.921 0.895 0.0
248	B30R.060.050.de	0.375 0.0 0.125	0.375 0.375 0.187	316	0.067 0.0 0.5	26.1	18.7	25.1	0.671 0.921 0.895 0.0
249	B25R.075.075.de	0.375 0.0 0.125	0.375 0.375 0.187	307	0.067 0.0 0.5	26.1	18.7	25.1	0.671 0.921 0.895 0.0
250	B25R.075.075.de	0.375 0.0 0.125	0.375 0.375 0.187	305	0.067 0.0 0.5	26.1	18.7	25.1	0.671 0.921 0.895 0.0
251	B18R.100.100.de	0.375 0.0 0.125	0.375 0.375 0.187	292	0.0 0.21 1.0	18.7	16.8	20.7	0.671 0.921 0.895 0.0
252	R31Y.037.037.de	0.375 0.125 0.0	0.375 0.375 0.187	49	0.375 0.092 0.0	35.3	19.6	20.7	0.671 0.921 0.895 0.0
253	R00Y.037.037.de	0.375 0.125 0.0	0.375 0.375 0.187	390	0.375 0.124 0.188	38.6	18.0	25.4	0.671 0.921 0.895 0.0
254	R00Y.037.037.de	0.375 0.125 0.0	0.375 0.375 0.187	360	0.309 0.124 0.375	37.5	17.6	25.4	0.671 0.921 0.895 0.0
255	B50R.037.037.de	0.375 0.125 0.0	0.375 0.375 0.187	330	0.205 0.124 0.375	34.9	11.9	25.4	0.671 0.921 0.895 0.0
256	B34R.060.050.de	0.375 0.125 0.0	0.375 0.375 0.187	311	0.149 0.124 0.5	34.0	12.3	25.4	0.671 0.921 0.895 0.0
257	B25R.062.050.de	0.375 0.125 0.0	0.375 0.375 0.187	303	0.125 0.177 0.625	35.1	11.7	25.4	0.671 0.921 0.895 0.0
258	B19R.075.075.de	0.375 0.125 0.0	0.375 0.375 0.187	293	0.125 0.248 0.75	37.4	11.0	25.4	0.671 0.921 0.895 0.0
259	B15R.087.075.de	0.375 0.125 0.0	0.375 0.375 0.187	289	0.125 0.31 0.875	39.6	10.8	25.4	0.671 0.921 0.895 0.0
260	B13R.100.100.de	0.375 0.125 0.0	0.375 0.375 0.187	286	0.125 0.37 1.0	41.6	10.7	25.4	0.671 0.921 0.895 0.0
261	R68Y.037.037.de	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.203 0.0	40.5	9.2	25.4	0.671 0.921 0.895 0.0
262	R68Y.037.037.de	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.203 0.0	40.5	9.2	25.4	0.671 0.921 0.895 0.0
263	R00Y.037.037.de	0.375 0.25 0.0	0.375 0.375 0.187	390	0.375 0.249 0.281	44.8	9.0	25.4	0.671 0.921 0.895 0.0
264	R00Y.037.037.de	0.375 0.25 0.0	0.375 0.375 0.187	330	0.249 0.276 0.5	43.1	5.8	25.4	0.671 0.921 0.895 0.0
265	B25R.060.050.de	0.375 0.25 0.0	0.375 0.375 0.187	307	0.249 0.276 0.5	43.1	5.8	25.4	0.671 0.921 0.895 0.0
266	B19R.075.075.de	0.375 0.25 0.0	0.375 0.375 0.187	289	0.249 0.276 0.5	43.1	5.8	25.4	0.671 0.921 0.895 0.0
267	B13R.100.100.de	0.375 0.25 0.0	0.375 0.375 0.187	284	0.249 0.276 0.5	43.1	5.8	25.4	0.671 0.921 0.895 0.0
268	B07R.100.075.de	0.375 0.25 0.0	0.375 0.375 0.187	279	0.249 0.276 0.5	43.1	5.8	25.4	0.671 0.921 0.895 0.0
269	Y00C.037.037.de	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.329 0.0	46.5	-1.9	25.4	0.671 0.921 0.895 0.0
270	Y00C.037.037.de	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.329 0.0	46.5	-1.9	25.4	0.671 0.921 0.895 0.0
271	Y00C.037.037.de	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.329 0.0	46.5	-1.9	25.4	0.671 0.921 0.895 0.0
272	Y00C.037.037.de	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.329 0.0	46.5	-1.9	25.4	0.671 0.921 0.895 0.0
273	Y00C.037.037.de	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.329 0.0	46.5	-1.9	25.4	0.671 0.921 0.895 0.0
274	B00R.050.012.de	0.375 0.375 0.0	0.375 0.375 0.187	360	0.375 0.359 0.249	49.5	-0.4	11.3	0.671 0.921 0.895 0.0
275	B00R.050.012.de	0.375 0.375 0.0	0.375 0.375 0.187	360	0.375 0.359 0.249	49.5	-0.4	11.3	0.671 0.921 0.895 0.0
276	B00R.050.012.de	0.375 0.375 0.0	0.375 0.375 0.187	360	0.375 0.359 0.249	49.5	-0.4	11.3	0.671 0.921 0.895 0.0
277	B00R.050.012.de	0.375 0.375 0.0	0.375 0.375 0.187	360	0.375 0.359 0.249	49.5	-0.4	11.3	0.671 0.921 0.895 0.0
278	B00R.050.012.de	0.375 0.375 0.0	0.375 0.375 0.187	360	0.375 0.359 0.249	49.5	-0.4	11.3	0.671 0.921 0.895 0.0
279	Y23C.050.050.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
280	Y31G.050.037.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
281	Y50C.050.025.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
282	G00B.050.012.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
283	G00B.050.012.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
284	G00B.050.012.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
285	G44B.062.025.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
286	G44B.062.025.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
287	G00B.100.062.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
288	G00B.100.062.de	0.375 0.5 0.25	0.375 0.312 109	131	0.31 0.5 0.124	50.5	-11.2	24.7	0.671 0.921 0.895 0.0
289	Y38C.062.062.de	0.375 0.625 0.0	0.625 0.625 0.312	113	0.258 0.625 0.125	52.1	-20.4	26.9	0.671 0.921 0.895 0.0
290	Y38C.062.062.de	0.375 0.625 0.0	0.625 0.625 0.312	113	0.258 0.625 0.125	52.1	-20.4	26.9	0.671 0.921 0.895 0.0
291	Y68C.062.037.de	0.375 0.625 0.0	0.625 0.625 0.312	131	0.319 0.625 0.25	54.2	-19.1	15.9	0.671 0.921 0.895 0.0
292	G25B.062.025.de	0.375 0.625 0.0	0.625 0.625 0.312	131	0.319 0.625 0.25	54.2	-19.1	15.9	0.671 0.921 0.895 0.0
293	G25B.062.025.de	0.375 0.625 0.0	0.625 0.625 0.312	131	0.319 0.625 0.25	54.2	-19.1	15.9	0.671 0.921 0.895 0.0
294	G58B.075.037.de	0.375 0.625 0.0	0.625 0.625 0.312	180	0.375 0.625 0.5	58.2	-12.1	20.0	0.671 0.921 0.895 0.0
295	G58B.075.037.de	0.375 0.625 0.0	0.625 0.625 0.312	180	0.375 0.625 0.5	58.2	-12.1	20.0	0.671 0.921 0.895 0.0
296	G58B.075.037.de	0.375 0.625 0.0	0.625 0.625 0.312	180	0.375 0.625 0.5	58.2	-12.1	20.0	0.671 0.921 0.895 0.0
297	G58B.075.037.de	0.375 0.625 0.0	0.625 0.625 0.312	180	0.375 0.625 0.5	58.2	-12.1	20.0	0.671 0.921 0.895 0.0
298	Y38C.075.062.de	0.375 0.75 0.125	0.75 0.625 0.437	127	0.241 0.75 0.125	54.5	-29.6	28.2	0.671 0.921 0.895 0.0
299	Y38C.075.062.de	0.375 0.75 0.125	0.75 0.625 0.437	127	0.241 0.75 0.125	54.5	-29.6	28.2	0.671 0.921 0.895 0.0
300	G00B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	131	0.375 0.75 0.125	57.0	-27.7	8.7	0.671 0.921 0.895 0.0
301	G00B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	131	0.375 0.75 0.125	57.0	-27.7	8.7	0.671 0.921 0.895 0.0
302	G34B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	169	0.375 0.75 0.526	60.5	-20.0	17.9	0.671 0.921 0.895 0.0
303	G34B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	169	0.375 0.75 0.526	60.5	-20.0	17.9	0.671 0.921 0.895 0.0
304	G58B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	224	0.375 0.75 0.821	62.5	-16.5	5.9	0.671 0.921 0.895 0.0
305	G58B.075.037.de	0.375 0.75 0.125	0.75 0.625 0.437	224	0.375 0.75 0.821	62.5	-16.5	5.9	0.671 0.921 0.895 0.0
306	Y58C.087.075.de	0.375 0.75 0.125	0.75 0.625 0.437	131	0.236 0.875 0.0	55.1	-19.1	25.7	0.671 0.921 0.895 0.0
307	Y58C.087.075.de	0.375 0.75 0.125	0.75 0.625 0.437	131	0.236 0.875 0.0	55.1	-19.1	25.7	0.671 0.921 0.895 0.0
308	Y81G.087.062.de	0.375 0.875 0.0	0.875 0.75 0.5	131	0.236 0.875 0.0	55.1	-19.1	25.7	0.671 0.921 0.895 0.0
309	G00B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	131	0.236 0.875 0.0	55.1	-19.1	25.7	0.671 0.921 0.895 0.0
310	G11B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	164	0.375 0.875 0.5	64.8	-27.7	2.4	0.671 0.921 0.895 0.0
311	G25B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	164	0.375 0.875 0.5	64.8	-27.7	2.4	0.671 0.921 0.895 0.0
312	G38B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	196	0.375 0.875 0.691	65.9	-24.3	4.1	0.671 0.921 0.895 0.0
313	G50B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	196	0.375 0.875 0.691	65.9	-24.3	4.1	0.671 0.921 0.895 0.0
314	G50B.087.050.de	0.375 0.875 0.0	0.875 0.75 0.5	196	0.375 0.875 0.691	65.9	-24.3	4.1	0.671 0.921 0.895 0.0
315	Y63C.100.100.de	0.375 1.0 0.0	1.0 0.0 0.0	128	0.232 1.0 0.0	57.8	-48.3	45.7	0.671 0.921 0.895 0.0
316	Y73C.100.087.de	0.375 1.0 0.0	1.0 0.0 0.0	128	0.232 1.0 0.0	57.8	-48.3	45.7	0.671 0.921 0.895 0.0
317	Y85C.100.075.de	0.375 1.0 0.0	1.0 0.0 0.0	141	0.282 1.0 0.0	62.5	-46.0	24.7	0.671 0.921 0.895 0.0
318	G00B.100.062.de	0.375 1.0 0.0	1.0 0.0 0.0	150	0.375 1.0 0.0	62.5	-46.0	24.7	0.671 0.921 0.895 0.0
319	G09B.100.062.de	0.375 1.0 0.0	1.0 0.0 0.0	161	0.375 1.0 0.0	62.5	-46.0	24.7	0.671 0.921 0.895 0.0
320	G19B.100.062.de	0.375 1.0 0.0	1.0 0.0 0.0	173	0.375 1.0 0.0	62.5	-46.0</		



TUB material: code=rha4ta
ny0* (CMY0)

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

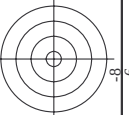
TTUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=1, $cmY0^*$

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[illegible]

n	HiC*File	rgb*File	Lab*File	rgb*File	Lab*File	cmyn*SepFile	rgb*File	Lab*File	delta
405	R00Y.062.062a	0.625 0.0 0.0	0.625 0.625 0.312	0.625 0.0 0.159	37.6 45.1	0.446 0.94	0.0	0.254	456 72.2 34.4 80.0 25.4
406	R01Y.062.062a	0.625 0.0 0.125	0.625 0.625 0.312	0.625 0.0 0.356	37.6 49.8	0.447 0.937	0.0	0.57	459 75.1 34.4 80.0 25.4
407	R02Y.062.062a	0.625 0.0 0.25	0.625 0.625 0.312	0.625 0.0 0.624	37.6 49.8	0.456 0.941	0.0	0.999	461 79.3 35.8 80.0 25.4
408	R03Y.062.062a	0.625 0.0 0.375	0.625 0.625 0.312	0.625 0.0 0.902	37.6 49.8	0.461 0.945	0.0	1.0	463 80.0 36.1 35.8 80.0
409	B59R.062.062a	0.625 0.0 0.625	0.625 0.625 0.312	0.296 0.0 0.625	38.1 35.7	0.697 0.97	0.0	0.311	477 55.9 32.6 80.0 25.4
410	B59R.062.062a	0.625 0.0 0.625	0.625 0.625 0.312	0.296 0.0 0.625	38.1 35.7	0.697 0.97	0.0	0.311	477 55.9 32.6 80.0 25.4
411	B42R.067.075a	0.625 0.0 0.625	0.625 0.625 0.312	0.296 0.0 0.625	38.1 35.7	0.697 0.97	0.0	0.311	477 55.9 32.6 80.0 25.4
412	B36R.067.075a	0.625 0.0 0.625	0.625 0.625 0.312	0.296 0.0 0.625	38.1 35.7	0.697 0.97	0.0	0.311	477 55.9 32.6 80.0 25.4
413	B31R.100.100a	0.625 0.0 0.625	0.625 0.625 0.312	0.296 0.0 0.625	38.1 35.7	0.697 0.97	0.0	0.311	477 55.9 32.6 80.0 25.4
414	R18Y.062.062a	0.625 0.125 0.125	0.625 0.625 0.312	0.625 0.072 0.0	39.5 39.6	0.442 0.942	0.0	0.115	486 63.4 49.1 80.2 37.7
415	R02Y.062.050a	0.625 0.125 0.125	0.625 0.625 0.312	0.625 0.125 0.252	43.0 36.1	0.418 0.79	0.0	0.0	456 72.2 34.4 80.0 25.4
416	R02Y.062.050a	0.625 0.125 0.125	0.625 0.625 0.312	0.625 0.125 0.252	43.0 36.1	0.418 0.79	0.0	0.0	456 72.2 34.4 80.0 25.4
417	R02Y.062.050a	0.625 0.125 0.125	0.625 0.625 0.312	0.625 0.125 0.252	43.0 36.1	0.418 0.79	0.0	0.0	456 72.2 34.4 80.0 25.4
418	B61R.062.050a	0.625 0.125 0.125	0.625 0.625 0.312	0.386 0.125 0.625	39.1 29.8	0.811 0.364	0.0	0.736	50.9 71.1 35.2 80.0
419	B59R.062.050a	0.625 0.125 0.125	0.625 0.625 0.312	0.386 0.125 0.625	39.1 29.8	0.811 0.364	0.0	0.736	50.9 71.1 35.2 80.0
420	B40R.075.062a	0.625 0.125 0.125	0.625 0.625 0.312	0.239 0.125 0.75	35.6 23.8	0.737 0.804	0.0	0.322	38.8 34.7 52.1 318.1
421	B34R.075.062a	0.625 0.125 0.125	0.625 0.625 0.312	0.173 0.125 0.875	34.7 24.7	0.737 0.804	0.0	0.322	38.8 34.7 52.1 318.1
422	R29R.100.075a	0.625 0.125 0.125	0.625 0.625 0.312	0.125 0.145 1.0	34.4 24.7	0.855 0.81	0.0	0.022	32.9 38.4 50.6 310.9
423	R33Y.062.062a	0.625 0.25 0.0	0.625 0.625 0.312	0.625 0.188 0.0	44.1 29.5	0.437 0.749	0.0	0.0	50.9 71.1 35.2 80.0
424	R23Y.062.050a	0.625 0.25 0.0	0.625 0.625 0.312	0.625 0.188 0.0	44.1 29.5	0.437 0.749	0.0	0.0	50.9 71.1 35.2 80.0
425	R02Y.062.037a	0.625 0.25 0.0	0.625 0.625 0.312	0.625 0.25 0.345	50.1 27.0	0.401 0.657	0.0	0.0	45.6 72.2 34.4 80.0
426	R02Y.062.037a	0.625 0.25 0.0	0.625 0.625 0.312	0.625 0.25 0.345	50.1 27.0	0.401 0.657	0.0	0.0	45.6 72.2 34.4 80.0
427	B63R.062.037a	0.625 0.25 0.0	0.625 0.625 0.312	0.476 0.25 0.625	47.1 24.1	0.668 0.372	0.0	0.0	45.6 72.2 34.4 80.0
428	B63R.062.037a	0.625 0.25 0.0	0.625 0.625 0.312	0.476 0.25 0.625	47.1 24.1	0.668 0.372	0.0	0.0	45.6 72.2 34.4 80.0
429	B36R.075.050a	0.625 0.25 0.0	0.625 0.625 0.312	0.317 0.25 0.75	47.1 24.1	0.668 0.372	0.0	0.0	45.6 72.2 34.4 80.0
430	B36R.075.050a	0.625 0.25 0.0	0.625 0.625 0.312	0.317 0.25 0.75	47.1 24.1	0.668 0.372	0.0	0.0	45.6 72.2 34.4 80.0
431	B36R.075.050a	0.625 0.25 0.0	0.625 0.625 0.312	0.317 0.25 0.75	47.1 24.1	0.668 0.372	0.0	0.0	45.6 72.2 34.4 80.0
432	B59Y.062.062a	0.625 0.375 0.0	0.625 0.625 0.312	0.625 0.308 0.0	49.5 18.4	0.426 0.629	0.0	0.0	64.6 74.5 66.6 80.0
433	B59Y.062.062a	0.625 0.375 0.0	0.625 0.625 0.312	0.625 0.308 0.0	49.5 18.4	0.426 0.629	0.0	0.0	64.6 74.5 66.6 80.0
434	R31Y.062.037a	0.625 0.375 0.0	0.625 0.625 0.312	0.625 0.342 0.25	51.2 19.1	0.402 0.602	0.0	0.254	52.2 55.3 76.1 46.6
435	R00Y.062.025a	0.625 0.375 0.0	0.625 0.625 0.312	0.625 0.342 0.25	51.2 19.1	0.402 0.602	0.0	0.254	52.2 55.3 76.1 46.6
436	R00Y.062.025a	0.625 0.375 0.0	0.625 0.625 0.312	0.625 0.342 0.25	51.2 19.1	0.402 0.602	0.0	0.254	52.2 55.3 76.1 46.6
437	B59R.062.025a	0.625 0.375 0.0	0.625 0.625 0.312	0.559 0.375 0.625	55.3 17.6	0.538 0.528	0.0	0.0	31.1 47.7 29.1 55.9
438	B59R.062.025a	0.625 0.375 0.0	0.625 0.625 0.312	0.559 0.375 0.625	55.3 17.6	0.538 0.528	0.0	0.0	31.1 47.7 29.1 55.9
439	B25R.087.050a	0.625 0.375 0.0	0.625 0.625 0.312	0.399 0.375 0.875	52.9 11.7	0.614 0.527	0.0	0.064	26.5 32.9 38.4 50.6
440	B19R.100.062a	0.625 0.375 0.0	0.625 0.625 0.312	0.399 0.375 0.875	52.9 11.7	0.614 0.527	0.0	0.064	26.5 32.9 38.4 50.6
441	R81Y.062.062a	0.625 0.5 0.0	0.625 0.625 0.312	0.625 0.405 0.0	55.8 8.5	0.494 0.985	0.0	0.198	11.1 17.6 40.4 44.1
442	R67Y.062.037a	0.625 0.5 0.0	0.625 0.625 0.312	0.625 0.427 0.125	56.5 8.9	0.404 0.48	0.0	0.064	73.2 13.7 78.4 79.6
443	R67Y.062.037a	0.625 0.5 0.0	0.625 0.625 0.312	0.625 0.427 0.125	56.5 8.9	0.404 0.48	0.0	0.064	73.2 13.7 78.4 79.6
444	R50Y.062.025a	0.625 0.5 0.0	0.625 0.625 0.312	0.625 0.453 0.25	58.3 9.2	0.398 0.459	0.0	0.0	67.4 24.5 71.9 75.9
445	R50Y.062.025a	0.625 0.5 0.0	0.625 0.625 0.312	0.625 0.453 0.25	58.3 9.2	0.398 0.459	0.0	0.0	67.4 24.5 71.9 75.9
446	B59R.062.012a	0.625 0.5 0.0	0.625 0.625 0.312	0.54 0.5 0.625	60.8 5.9	0.402 0.407	0.0	0.0	45.6 72.2 34.4 80.0
447	B25R.075.025a	0.625 0.5 0.0	0.625 0.625 0.312	0.54 0.5 0.625	60.8 5.9	0.402 0.407	0.0	0.0	45.6 72.2 34.4 80.0
448	B13R.087.037a	0.625 0.5 0.0	0.625 0.625 0.312	0.54 0.5 0.625	60.8 5.9	0.402 0.407	0.0	0.0	45.6 72.2 34.4 80.0
449	B13R.087.037a	0.625 0.5 0.0	0.625 0.625 0.312	0.54 0.5 0.625	60.8 5.9	0.402 0.407	0.0	0.0	45.6 72.2 34.4 80.0
450	Y06G.062.050a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.549 0.0	61.4 2.2	0.516 0.516	0.0	0.105	1.0 31.1 47.7 29.1
451	Y06G.062.050a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.549 0.0	61.4 2.2	0.516 0.516	0.0	0.105	1.0 31.1 47.7 29.1
452	Y06G.062.037a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.579 0.25	64.4 1.8	0.322 0.322	0.0	0.0	32.8 34.4 80.0 25.4
453	Y06G.062.037a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.579 0.25	64.4 1.8	0.322 0.322	0.0	0.0	32.8 34.4 80.0 25.4
454	Y06G.062.025a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.594 0.375	65.9 0.9	0.387 0.387	0.0	0.0	32.8 34.4 80.0 25.4
455	Y06G.062.025a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.594 0.375	65.9 0.9	0.387 0.387	0.0	0.0	32.8 34.4 80.0 25.4
456	Y06G.062.012a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.609 0.5	67.4 0.4	0.399 0.399	0.0	0.0	32.8 34.4 80.0 25.4
457	B00R.075.012a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.609 0.5	67.4 0.4	0.399 0.399	0.0	0.0	32.8 34.4 80.0 25.4
458	B00R.075.012a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.609 0.5	67.4 0.4	0.399 0.399	0.0	0.0	32.8 34.4 80.0 25.4
459	B00R.075.012a	0.625 0.625 0.0	0.625 0.625 0.312	0.625 0.609 0.5	67.4 0.4	0.399 0.399	0.0	0.0	32.8 34.4 80.0 25.4
460	Y15G.075.062a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
461	Y15G.075.062a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
462	Y15G.075.062a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
463	Y15G.075.062a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
464	G00B.075.012a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
465	G00B.075.012a	0.625 0.75 0.0	0.625 0.625 0.312	0.625 0.739 0.875	72.8 0.3	0.412 0.236	0.0	0.0	40.2 1.2 40.6 40.6
466	G75B.087.025a	0.625 0.75 1.0	0.625 0.625 0.312	0.625 0.836 0.875	76.1 4.9	0.134 0.089	0.0	0.0	45.3 45.9 24.3 42.5
467	G75B.087.025a	0.625 0.75 1.0	0.625 0.625 0.312	0.625 0.836 0.875	76.1 4.9	0.134 0.089	0.0	0.0	45.3 45.9 24.3 42.5
468	G75B.087.025a	0.625 0.75 1.0	0.625 0.625 0.312	0.625 0.836 0.875	76.1 4.9	0.134 0.089	0.0	0.0	45.3 45.9 24.3 42.5
469	G75B.087.025a	0.625 0.75 1.0	0.625 0.625 0.312	0.625 0.836 0.875	76.1 4.9	0.134 0.089	0.0	0.0	45.3 45.9 24.3 42.5
470	Y38C.087.062a	0.625 0.875 0.0	0.625 0.625 0.312	0.49 0.875 0.5	109	0.514 0.123	0.0	0.0	72.8 71.0 76.0 110.9
471	Y38C.087.062a	0.625 0.875 0.0	0.625 0.625 0.312	0.49 0.875 0.5	109	0.514 0.123	0.0	0.0	72.8 71.0 76.0 110.9
472	Y68C.087.037a	0.625 0.875 0.0	0.625 0.625 0.312	0.508 0.875 0.25	68.9 22.2	0.482 0.113	0.0	0.0	67.2 33.9 60.9 67.6
473	Y68C.087.037a	0.625 0.875 0.0	0.625 0.625 0.312	0.508 0.875 0.25	68.9 22.2	0.482 0.113	0.0	0.0	67.2 33.9 60.9 67.6
474	G23B.087.025a	0.625 0.875 0.0	0.625 0.625 0.312	0.536 0.875 0.375	70.2 20.4	0.488 0.097	0.0	0.0	62.6 40.9 53.8 67.6
475	G23B.087.025a	0.625 0.875 0.0	0.625 0.625 0.312	0.536 0.875 0.375	70.2 20.4	0.488 0.097	0.0	0.0	62.6 40.9 53.8 67.6
476	G53B.100.037a	0.625 0.875 0.0	0.625 0.625 0.312	0.569 0.875 0.5	72.0 19.1	0.469 0.0	0.0	0.0	56.4 50.9 42.6 66.4
477	G53B.100.037a	0.625 0.875 0.0	0.625 0.625 0.312	0.569 0.875 0.5	72.0 19.1	0.469 0.0	0.0	0.0	56.



TUB material: code=rha4ta
ny0* (CMY0)

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

TUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=

Mean color difference of this page:

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n	HIC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCh*File	cmyn*sep,File	0.0	1.0	0.744	0.0	0.0	0.254	45.6	72.2	34.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4	80.0	25.4
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TUB material: code=rha4ta
ny0* (CMY0)

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

TUB-test chart PE18; colour rendering index, R_a , 92; colour differences, ΔE^* , 3.1

Mean color difference of this page:

PF180-7N P300 18/22-F



TUB material: code=rha4ta
my0* (CMY0)

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

TTUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=1, cmY0*

Page 19/22 - F

i	HIC*Fide	rgb_fide	icr_fide	hsa_fide	rgb*fide	LabCh*Fide	cmvri*sep_fide	hsa_nide	rgb*nide	LabCh*nide	Mean color difference of this page:	
											delta	delta
010	NW_100de	1.0 1.0 1.0	1.0 1.0 1.0	360 1.0 1.0	0.875 0.932 1.0	95.6 0.1 1.0	0.0 0.0 0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0
011	BOOR_100.012de	0.875 0.875 1.0	1.0 0.125 0.937	270 0.75 0.75	0.875 0.932 1.0	88.7 0.1 1.0	0.0 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
012	BOOR_100.025de	0.75 0.75 1.0	1.0 0.125 0.875	270 0.75 0.75	0.75 0.864 1.0	81.7 0.3 1.0	0.008 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
013	BOOR_100.037de	0.625 0.625 1.0	1.0 0.375 0.812	270 0.625 0.625	0.625 0.796 1.0	74.8 0.4 1.0	0.009 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
014	BOOR_100.050de	0.5 0.5 1.0	1.0 0.5 0.75	270 0.5 0.5	0.5 0.729 1.0	67.9 0.6 1.0	0.01 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
015	BOOR_100.062de	0.375 0.375 1.0	1.0 0.625 0.687	270 0.375 0.375	0.375 0.661 1.0	61.0 0.7 1.0	0.008 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
016	BOOR_100.075de	0.25 0.25 1.0	1.0 0.75 0.625	270 0.25 0.25	0.25 0.593 1.0	54.1 0.9 1.0	0.004 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
017	BOOR_100.087de	0.125 0.125 1.0	1.0 0.875 0.562	270 0.125 0.125	0.125 0.525 1.0	47.1 1.0 1.0	0.006 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
018	BOOR_100.100de	0.0 0.0 1.0	1.0 1.0 0.5	270 0.0 0.0	0.0 0.458 1.0 4.0	1.0 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.458 1.0 4.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
019	YOOC_100.012de	1.0 1.0 0.875	1.0 0.125 0.937	90 1.0 0.125	1.0 0.984 0.875 94.1	-0.4 1.0 1.0	0.0 0.0 0.0	83 1.0 0.878 0.0	0.878 1.0 95.6 0.0	-3.6 90.4 92.3	0.0 0.0 0.0	0.0
020	NW_087de	0.875 0.875 0.875	0.875 0.875 0.875	360 0.875 0.875	0.875 0.875 0.875	86.7 0.1 1.0	0.0 0.0 0.0	360 1.0 1.0	0.162 0.1 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
021	BOOR_087.012de	0.75 0.75 0.875	0.875 0.875 0.812	270 0.75 0.75	0.75 0.807 0.875 79.7	0.1 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.292 0.159 0.094	0.0 0.0 0.0	0.0 0.0 0.0	0.0
022	BOOR_087.025de	0.625 0.625 0.875	0.875 0.875 0.725	270 0.625 0.625	0.625 0.739 0.875 72.8	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.408 0.21 0.093	0.0 0.0 0.0	0.0 0.0 0.0	0.0
023	BOOR_087.037de	0.5 0.5 0.875	0.875 0.875 0.625	270 0.5 0.5	0.5 0.671 0.875 65.9	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.529 0.287 0.099	0.0 0.0 0.0	0.0 0.0 0.0	0.0
024	BOOR_087.050de	0.375 0.375 0.875	0.875 0.875 0.5	270 0.375 0.375	0.375 0.604 0.875 59.0	0.6 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.645 0.361 0.099	0.0 0.0 0.0	0.0 0.0 0.0	0.0
025	BOOR_087.062de	0.25 0.25 0.875	0.875 0.875 0.625	270 0.25 0.25	0.25 0.536 0.875 52.1	0.7 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.729 0.413 0.097	0.0 0.0 0.0	0.0 0.0 0.0	0.0
026	BOOR_087.075de	0.125 0.125 0.875	0.875 0.875 0.5	270 0.125 0.125	0.125 0.468 0.875 45.1	0.9 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.867 0.591 0.1	0.0 0.0 0.0	0.0 0.0 0.0	0.0
027	BOOR_087.087de	0.0 0.0 0.875	0.875 0.875 0.437	270 0.0 0.0	0.0 0.4 0.875 38.2	1.0 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.991 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
028	YOOC_100.025de	1.0 1.0 0.875	1.0 0.125 0.937	90 1.0 0.125	0.875 0.989 0.75 92.6	-0.4 1.0 1.0	0.0 0.0 0.0	83 1.0 0.878 0.0	0.878 1.0 95.6 0.0	-3.6 90.4 92.3	0.0 0.0 0.0	0.0
029	YOOC_087.012de	0.875 0.875 0.75	0.75 0.75 0.75	360 0.75 0.75	0.875 0.859 0.75 85.2	-0.4 1.0 1.0	0.0 0.0 0.0	360 1.0 1.0	0.162 0.1 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
030	NW_075de	0.625 0.625 0.75	0.75 0.75 0.75	360 0.75 0.75	0.625 0.682 0.75 70.8	0.1 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.412 0.236 0.176	0.0 0.0 0.0	0.0 0.0 0.0	0.0
031	BOOR_075.012de	0.5 0.5 0.75	0.75 0.75 0.625	270 0.5 0.5	0.5 0.614 0.75 63.9	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.531 0.319 0.187	0.0 0.0 0.0	0.0 0.0 0.0	0.0
032	BOOR_075.025de	0.375 0.375 0.75	0.75 0.75 0.5	270 0.375 0.375	0.375 0.546 0.75 57.0	0.4 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.645 0.394 0.192	0.0 0.0 0.0	0.0 0.0 0.0	0.0
033	BOOR_075.037de	0.25 0.25 0.75	0.75 0.75 0.5	270 0.25 0.25	0.25 0.471 0.75 50.1	0.6 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.727 0.448 0.204	0.0 0.0 0.0	0.0 0.0 0.0	0.0
034	BOOR_075.050de	0.125 0.125 0.75	0.75 0.75 0.625	270 0.125 0.125	0.125 0.419 0.75 43.2	0.7 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.863 0.548 0.242	0.0 0.0 0.0	0.0 0.0 0.0	0.0
035	BOOR_075.062de	0.0 0.0 0.75	0.75 0.75 0.375	270 0.0 0.0	0.0 0.343 0.75 36.2	0.9 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.963 0.644 0.189	0.0 0.0 0.0	0.0 0.0 0.0	0.0
036	BOOR_075.075de	0.0 0.0 0.625	0.75 0.75 0.375	270 0.0 0.0	0.0 0.343 0.625 31.7	1.0 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.963 0.644 0.189	0.0 0.0 0.0	0.0 0.0 0.0	0.0
037	YOOC_100.037de	1.0 1.0 0.875	1.0 0.125 0.937	90 1.0 0.125	0.875 0.989 0.75 92.6	-0.4 1.0 1.0	0.0 0.0 0.0	83 1.0 0.878 0.0	0.878 1.0 95.6 0.0	-3.6 90.4 92.3	0.0 0.0 0.0	0.0
038	YOOC_075.012de	0.875 0.875 0.75	0.75 0.75 0.75	360 0.875 0.875	0.875 0.859 0.75 85.2	-0.4 1.0 1.0	0.0 0.0 0.0	360 1.0 1.0	0.162 0.1 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0
039	NW_062.012de	0.625 0.625 0.625	0.625 0.625 0.625	360 0.625 0.625	0.625 0.625 0.625 69.9	0.0 0.0 0.0	0.0 0.0 0.0	242 0.0 0.0	0.412 0.236 0.176	0.0 0.0 0.0	0.0 0.0 0.0	0.0
040	BOOR_062.012de	0.5 0.5 0.625	0.625 0.625 0.5	270 0.5 0.5	0.5 0.557 0.625 61.9	0.1 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.536 0.353 0.274	0.0 0.0 0.0	0.0 0.0 0.0	0.0
041	BOOR_062.025de	0.375 0.375 0.625	0.625 0.625 0.5	270 0.375 0.375	0.375 0.489 0.625 55.0	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.645 0.421 0.282	0.0 0.0 0.0	0.0 0.0 0.0	0.0
042	BOOR_062.037de	0.25 0.25 0.625	0.625 0.625 0.5	270 0.25 0.25	0.25 0.421 0.625 48.1	0.4 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.727 0.485 0.285	0.0 0.0 0.0	0.0 0.0 0.0	0.0
043	BOOR_062.050de	0.125 0.125 0.625	0.625 0.625 0.5	270 0.125 0.125	0.125 0.354 0.625 41.2	0.6 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.86 0.592 0.3	0.0 0.0 0.0	0.0 0.0 0.0	0.0
044	BOOR_062.062de	0.0 0.0 0.625	0.625 0.625 0.312	270 0.0 0.0	0.0 0.286 0.625 34.3	0.7 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.979 0.705 0.302	0.0 0.0 0.0	0.0 0.0 0.0	0.0
045	YOOC_100.050de	1.0 1.0 0.5	1.0 0.5 0.5	360 0.5 0.5	1.0 0.939 0.5 89.6	-1.8 45.2 45.2	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.54 0.382 0.356	0.0 0.0 0.0	0.0
046	YOOC_062.012de	0.875 0.875 0.5	0.5 0.5 0.5	360 0.875 0.875	0.875 0.829 0.5 82.2	-1.3 33.9 33.9	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.54 0.382 0.356	0.0 0.0 0.0	0.0
047	YOOC_075.025de	0.75 0.75 0.5	0.75 0.75 0.625	90 0.75 0.75	0.75 0.719 0.5 74.8	-0.9 22.6 22.6	92.3 0.0 0.0	83 1.0 0.878 0.0	0.878 1.0 95.6 0.0	-3.6 90.4 92.3	0.0 0.0 0.0	0.0
048	YOOC_062.025de	0.625 0.625 0.5	0.625 0.625 0.5	360 0.625 0.625	0.625 0.609 0.5 67.4	-0.4 1.0 1.0	0.0 0.0 0.0	360 1.0 1.0	0.0 0.0	0.54 0.382 0.356	0.0 0.0 0.0	0.0
049	YOOC_062.012de	0.875 0.875 0.5	0.5 0.5 0.5	360 0.875 0.875	0.875 0.829 0.5 82.2	-1.3 33.9 33.9	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.54 0.382 0.356	0.0 0.0 0.0	0.0
050	BOOR_050.012de	0.375 0.375 0.5	0.5 0.5 0.5	270 0.375 0.375	0.375 0.432 0.5 53.0	0.1 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.54 0.382 0.356	0.0 0.0 0.0	0.0 0.0 0.0	0.0
051	BOOR_050.025de	0.25 0.25 0.5	0.5 0.5 0.5	270 0.25 0.25	0.25 0.364 0.5 46.1	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.648 0.445 0.242	0.0 0.0 0.0	0.0 0.0 0.0	0.0
052	BOOR_050.037de	0.125 0.125 0.5	0.5 0.5 0.5	270 0.125 0.125	0.125 0.296 0.5 39.2	0.4 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.731 0.519 0.371	0.0 0.0 0.0	0.0 0.0 0.0	0.0
053	BOOR_050.050de	0.0 0.0 0.5	0.5 0.5 0.5	270 0.0 0.0	0.0 0.229 0.5 32.3	0.6 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.862 0.64 0.395	0.0 0.0 0.0	0.0 0.0 0.0	0.0
054	YOOC_100.062de	1.0 1.0 0.375	1.0 0.625 0.687	90 1.0 0.625	1.0 0.924 0.375 88.1	-2.2 56.5 56.5	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.758 0.578 0.404	0.0 0.0 0.0	0.0
055	YOOC_062.062de	0.875 0.875 0.5	0.625 0.625 0.5	360 0.875 0.875	0.875 0.814 0.375 80.7	-1.8 45.2 45.2	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.758 0.578 0.404	0.0 0.0 0.0	0.0
056	YOOC_075.037de	0.75 0.75 0.375	0.75 0.75 0.5	270 0.75 0.75	0.75 0.704 0.375 73.3	-1.3 33.9 33.9	92.3 0.0 0.0	83 1.0 0.878 0.0	0.878 1.0 95.6 0.0	-3.6 90.4 92.3	0.0 0.0 0.0	0.0
057	YOOC_062.025de	0.625 0.625 0.5	0.625 0.625 0.5	360 0.625 0.625	0.625 0.594 0.375 65.9	-0.9 22.6 22.6	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.524 0.403 0.306	0.0 0.0 0.0	0.0
058	YOOC_050.012de	0.5 0.5 0.375	0.5 0.5 0.375	270 0.5 0.5	0.5 0.484 0.375 58.5	-0.4 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.524 0.403 0.306	0.0 0.0 0.0	0.0 0.0 0.0	0.0
059	NW_037de	0.375 0.375 0.375	0.375 0.375 0.375	360 0.375 0.375	0.375 0.375 0.375 51.0	0.0 0.0 0.0	0.0 0.0 0.0	360 1.0 1.0	0.0 0.0	0.653 0.473 0.452	0.0 0.0 0.0	0.0
060	BOOR_037.012de	0.25 0.25 0.375	0.375 0.375 0.312	270 0.25 0.25	0.25 0.307 0.375 44.1	0.1 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.736 0.55 0.46	0.0 0.0 0.0	0.0 0.0 0.0	0.0
061	BOOR_037.025de	0.125 0.125 0.375	0.375 0.375 0.25	270 0.125 0.125	0.125 0.239 0.375 37.2	0.3 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.867 0.69 0.504	0.0 0.0 0.0	0.0 0.0 0.0	0.0
062	BOOR_037.037de	0.0 0.0 0.375	0.375 0.375 0.187	270 0.0 0.0	0.0 0.171 0.375 30.3	0.4 1.0 1.0	0.0 0.0 0.0	242 0.0 0.0	0.976 0.706 0.511	0.0 0.0 0.0	0.0 0.0 0.0	0.0
063	YOOC_100.075de	1.0 1.0 0.25	1.0 0.75 0.625	90 1.0 0.75	1.0 0.909 0.25 86.6	-2.7 67.8 67.8	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.88 0.752 0.629	0.0 0.0 0.0	0.0
064	YOOC_075.050de	0.875 0.875 0.25	0.875 0.875 0.25	360 0.875 0.875	0.875 0.799 0.25 71.8	-2.2 56.5 56.5	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.88 0.752 0.629	0.0 0.0 0.0	0.0
065	YOOC_075.062de	0.625 0.625 0.25	0.625 0.625 0.25	360 0.625 0.625	0.625 0.739 0.25 64.4	-1.3 33.9 33.9	92.3 0.0 0.0	360 1.0 1.0	0.0 0.0	0.88		

n	H1C*File	rgb*File	rgb*File	rgb*File	rgb*File	LabCh*File	cmyn*sepFile	delta	mean color difference of this page:
891	NW_100de	1.0	1.0	1.0	1.0	95.6	0.0	0.0	0.0
892	B50R_100.012de	0.875	1.0	0.875	1.0	95.6	0.0	0.0	0.0
893	B50R_100.025de	0.75	1.0	0.75	1.0	95.6	0.0	0.0	0.0
894	B50R_100.037de	0.625	1.0	0.625	1.0	95.6	0.0	0.0	0.0
895	B50R_100.050de	0.5	1.0	0.5	1.0	95.6	0.0	0.0	0.0
896	B50R_100.062de	0.375	1.0	0.375	1.0	95.6	0.0	0.0	0.0
897	B50R_100.075de	0.25	1.0	0.25	1.0	95.6	0.0	0.0	0.0
898	B50R_100.087de	0.125	1.0	0.125	1.0	95.6	0.0	0.0	0.0
899	B50R_100.100de	0.0	1.0	0.0	1.0	95.6	0.0	0.0	0.0
900	GOB_100.012de	0.875	1.0	0.875	1.0	95.6	0.0	0.0	0.0
901	NW_087de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
902	B50R_087.012de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
903	B50R_087.025de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
904	B50R_087.037de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
905	B50R_087.050de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
906	B50R_087.062de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
907	B50R_087.075de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
908	B50R_087.087de	0.875	0.875	0.875	0.875	95.6	0.0	0.0	0.0
909	GOB_100.025de	0.75	1.0	0.75	1.0	95.6	0.0	0.0	0.0
910	GOB_100.037de	0.625	1.0	0.625	1.0	95.6	0.0	0.0	0.0
911	NW_075de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
912	B50R_075.012de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
913	B50R_075.025de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
914	B50R_075.037de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
915	B50R_075.050de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
916	B50R_075.062de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
917	B50R_075.075de	0.75	0.75	0.75	0.75	95.6	0.0	0.0	0.0
918	GOB_100.037de	0.625	1.0	0.625	1.0	95.6	0.0	0.0	0.0
919	GOB_100.050de	0.5	1.0	0.5	1.0	95.6	0.0	0.0	0.0
920	GOB_100.062de	0.375	1.0	0.375	1.0	95.6	0.0	0.0	0.0
921	GOB_100.075de	0.25	1.0	0.25	1.0	95.6	0.0	0.0	0.0
922	B50R_062.012de	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
923	B50R_062.025de	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
924	B50R_062.037de	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
925	B50R_062.050de	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
926	B50R_062.062de	0.625	0.625	0.625	0.625	95.6	0.0	0.0	0.0
927	GOB_100.050de	0.5	1.0	0.5	1.0	95.6	0.0	0.0	0.0
928	GOB_087.037de	0.5	0.875	0.5	0.875	95.6	0.0	0.0	0.0
929	GOB_087.050de	0.5	0.875	0.5	0.875	95.6	0.0	0.0	0.0
930	GOB_087.062de	0.5	0.875	0.5	0.875	95.6	0.0	0.0	0.0
931	NW_050de	0.5	0.5	0.5	0.5	95.6	0.0	0.0	0.0
932	B50R_050.012de	0.5	0.375	0.5	0.375	95.6	0.0	0.0	0.0
933	B50R_050.025de	0.5	0.25	0.5	0.25	95.6	0.0	0.0	0.0
934	B50R_050.037de	0.5	0.125	0.5	0.125	95.6	0.0	0.0	0.0
935	B50R_050.050de	0.5	0.0	0.5	0.0	95.6	0.0	0.0	0.0
936	GOB_100.062de	0.375	1.0	0.375	1.0	95.6	0.0	0.0	0.0
937	GOB_087.050de	0.375	0.875	0.375	0.875	95.6	0.0	0.0	0.0
938	GOB_087.062de	0.375	0.875	0.375	0.875	95.6	0.0	0.0	0.0
939	GOB_087.075de	0.375	0.875	0.375	0.875	95.6	0.0	0.0	0.0
940	GOB_087.087de	0.375	0.875	0.375	0.875	95.6	0.0	0.0	0.0
941	NW_037de	0.375	0.375	0.375	0.375	95.6	0.0	0.0	0.0
942	B50R_037.012de	0.375	0.375	0.375	0.375	95.6	0.0	0.0	0.0
943	B50R_037.025de	0.375	0.375	0.375	0.375	95.6	0.0	0.0	0.0
944	B50R_037.037de	0.375	0.375	0.375	0.375	95.6	0.0	0.0	0.0
945	GOB_100.075de	0.25	1.0	0.25	1.0	95.6	0.0	0.0	0.0
946	GOB_087.062de	0.25	0.875	0.25	0.875	95.6	0.0	0.0	0.0
947	GOB_087.075de	0.25	0.875	0.25	0.875	95.6	0.0	0.0	0.0
948	GOB_087.087de	0.25	0.875	0.25	0.875	95.6	0.0	0.0	0.0
949	GOB_087.099de	0.25	0.875	0.25	0.875	95.6	0.0	0.0	0.0
950	GOB_087.100de	0.25	0.875	0.25	0.875	95.6	0.0	0.0	0.0
951	NW_025de	0.25	0.25	0.25	0.25	95.6	0.0	0.0	0.0
952	B50R_025.012de	0.25	0.25	0.25	0.25	95.6	0.0	0.0	0.0
953	B50R_025.025de	0.25	0.25	0.25	0.25	95.6	0.0	0.0	0.0
954	GOB_100.087de	0.125	1.0	0.125	1.0	95.6	0.0	0.0	0.0
955	GOB_087.075de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
956	GOB_087.062de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
957	GOB_087.050de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
958	GOB_087.037de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
959	GOB_087.025de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
960	GOB_087.012de	0.125	0.875	0.125	0.875	95.6	0.0	0.0	0.0
961	NW_012de	0.125	0.125	0.125	0.125	95.6	0.0	0.0	0.0
962	B50R_012.012de	0.125	0.125	0.125	0.125	95.6	0.0	0.0	0.0
963	GOB_100.100de	0.0	1.0	0.0	1.0	95.6	0.0	0.0	0.0
964	GOB_087.087de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
965	GOB_087.075de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
966	GOB_087.062de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
967	GOB_087.050de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
968	GOB_087.037de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
969	GOB_087.025de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
970	GOB_087.012de	0.0	0.875	0.0	0.875	95.6	0.0	0.0	0.0
971	NW_000de	0.0	0.0	0.0	0.0	95.6	0.0	0.0	0.0



TUB material: code=rha4ta
my0* (CMY0)

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

TUB-test chart PE18; colour rendering colors and differences, ΔE^* , 3D=1, de=1, cmY0*

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-1132031-E0

n	HIC*Fide	rgb_Fide	lcr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyn*espFide	hsan.de	rgb*Hde	LabCh*Hde	Mean color difference of this page:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
											0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
972	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

TUB registration: 20130201-PE18/PE18L0FA.TXT /.PS
application for measurement of offset print output, separation cmy0* (CMY0)

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/PE18/PE18.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmetrik/PE18/PE18L0FA.TXT /.PS>; 3D-linearization
F: 3D-linearization PE18/PE18L0FA.DAT in file (F), page 22/22

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TUB-test chart PE18; colour rendering
colors and differences, ΔE^* , 3D=1, de=1, cmy0*

input: *rgb/cmyk* -> *rgbde*
output: 3D-linearization to *cmy0*de*

n	HCh*File	rgb*File	lct*File	hsa*File	rgb*File	LabCh*File	cmy0*sep*File	hsl*de	rgb*File	LabCh*File	hsl*de	rgb*File	LabCh*File
1053	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1054	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1057	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1058	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1059	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1060	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1061	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1062	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1063	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1065	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1066	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1067	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1070	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1071	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1072	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1074	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1075	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1076	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1077	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1080	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1081	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1082	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1083	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1084	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1086	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1087	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1089	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1090	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1091	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1092	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1094	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1095	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1096	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1097	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1098	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1099	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1101	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1102	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1103	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1104	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1105	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1107	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1109	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1112	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1113	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1114	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1115	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1116	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1117	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1118	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1119	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1120	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1122	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1123	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1125	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1126	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1127	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1128	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1129	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1130	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1131	NW_006de	0.066	0.066	0.066	0.066	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1132	NW_013de	0.133	0.133	0.133	0.133	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1133	NW_020de	0.2	0.2	0.2	0.2	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1134	NW_026de	0.266	0.266	0.266	0.266	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1135	NW_033de	0.333	0.333	0.333	0.333	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1136	NW_040de	0.4	0.4	0.4	0.4	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1137	NW_046de	0.466	0.466	0.466	0.466	46.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1138	NW_053de	0.533	0.533	0.533	0.533	53.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1139	NW_060de	0.6	0.6	0.6	0.6	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1140	NW_066de	0.666	0.666	0.666	0.666	66.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1141	NW_073de	0.734	0.734	0.734	0.734	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142	NW_080de	0.8	0.8	0.8	0.8	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143	NW_086de	0.866	0.866	0.866	0.866	86.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1144	NW_093de	0.933	0.933	0.933	0.933	93.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1145	NW_100de	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1146	NW_006de	0.066	0.066	0.066	0.066	6							