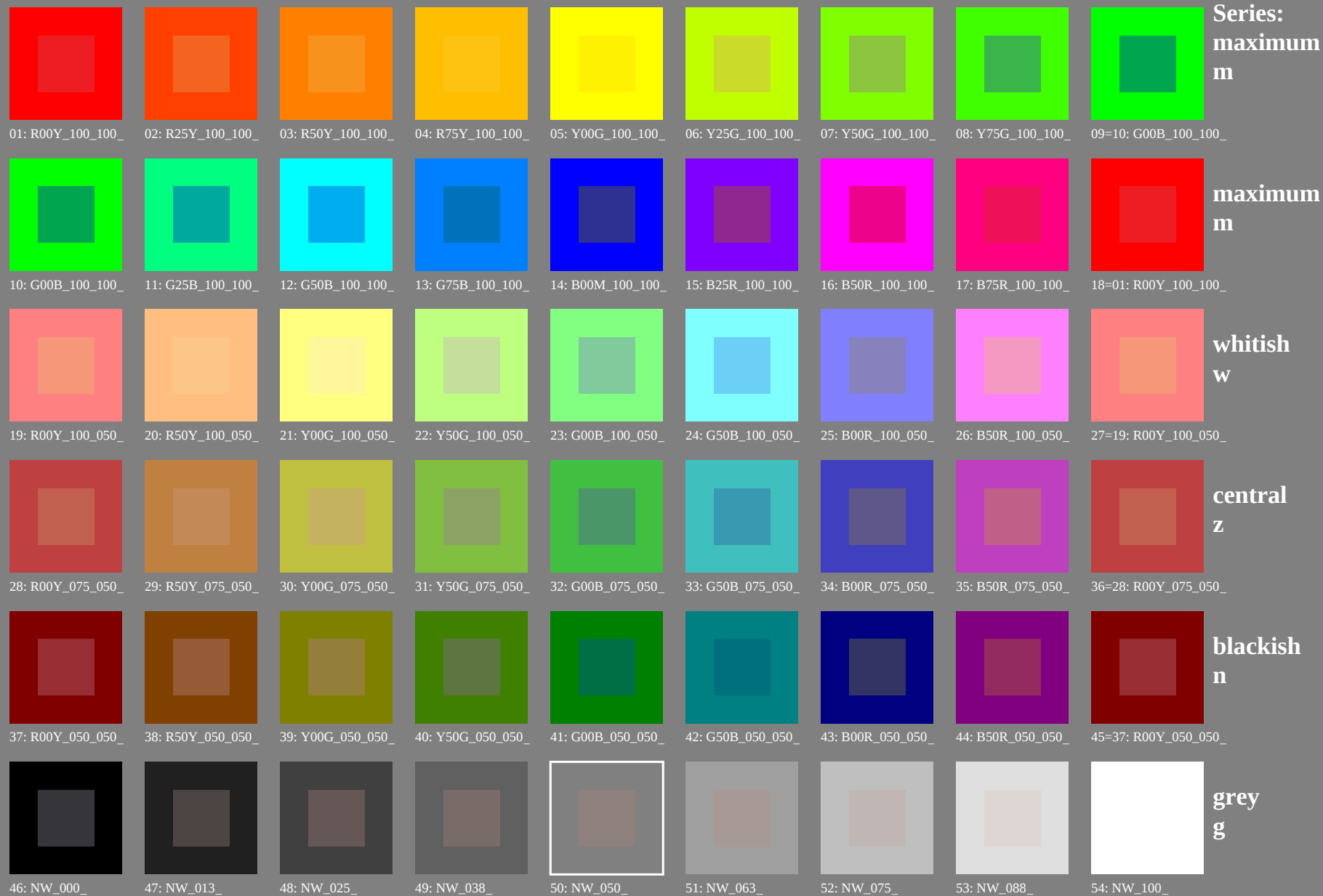


Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK)



see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

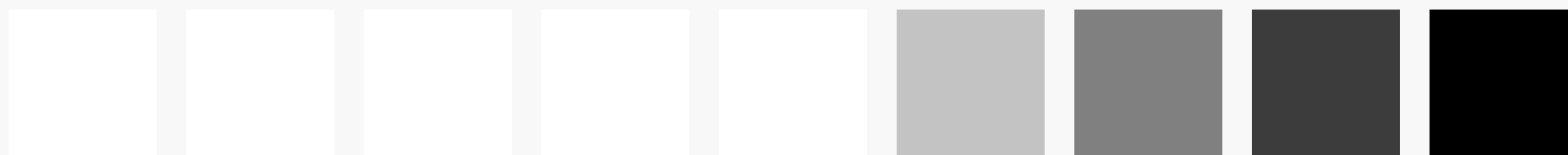
Test chart 1 for color rendering: 54 standard colours for D65; offset print (CMYK); $rgb \rightarrow rgb^{*dd}$



see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS
application for measurement of offset print output, separation $cmyk^{*6}$ (CMYK)
TUB material: code=rha4ta

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



01-D00Y_100_100₁ 02-B25Y_100_100₁ 03-B50Y_100_100₁ 04-B75Y_100_100₁ 05-Y00C_100_100₁ 06-Y25C_100_100₁ 07-Y50C_100_100₁ 08-Y75C_100_100₁ 09-100C00Y_100_100₁

Series:
maximum
m



10-C00B_100_100₁ 11-C25B_100_100₁ 12-C50B_100_100₁ 13-C75B_100_100₁ 14-B00M_100_100₁ 15-B25R_100_100₁ 16-B50R_100_100₁ 17-B75R_100_100₁ 18-01-D00Y_100_100₁

maximum
m



19-D00Y_100_050₁ 20-B25Y_100_050₁ 21-B50Y_100_050₁ 22-Y00C_100_050₁ 23-C00B_100_050₁ 24-C25B_100_050₁ 25-B00R_100_050₁ 26-B50R_100_050₁ 27-19-D00Y_100_050₁

whitish
w



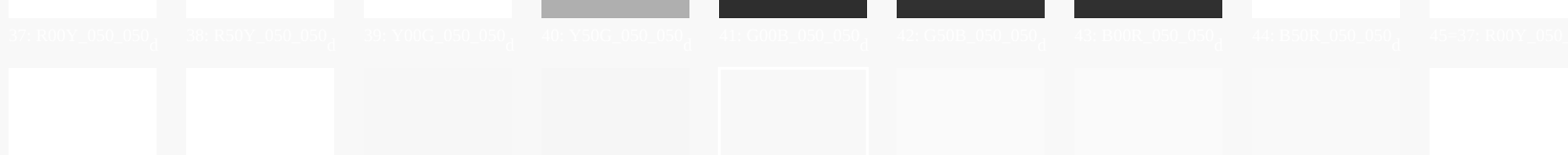
28-D00Y_075_050₁ 29-B50Y_075_050₁ 30-Y00C_075_050₁ 31-Y50C_075_050₁ 32-C00B_075_050₁ 33-C50B_075_050₁ 34-B00R_075_050₁ 35-B50R_075_050₁ 36-28-D00Y_075_050₁

central
z



37-D00Y_050_050₁ 38-B50Y_050_050₁ 39-Y00C_050_050₁ 40-Y50C_050_050₁ 41-C00B_050_050₁ 42-C50B_050_050₁ 43-B00R_050_050₁ 44-B50R_050_050₁ 45-37-D00Y_050_050₁

blackish
n

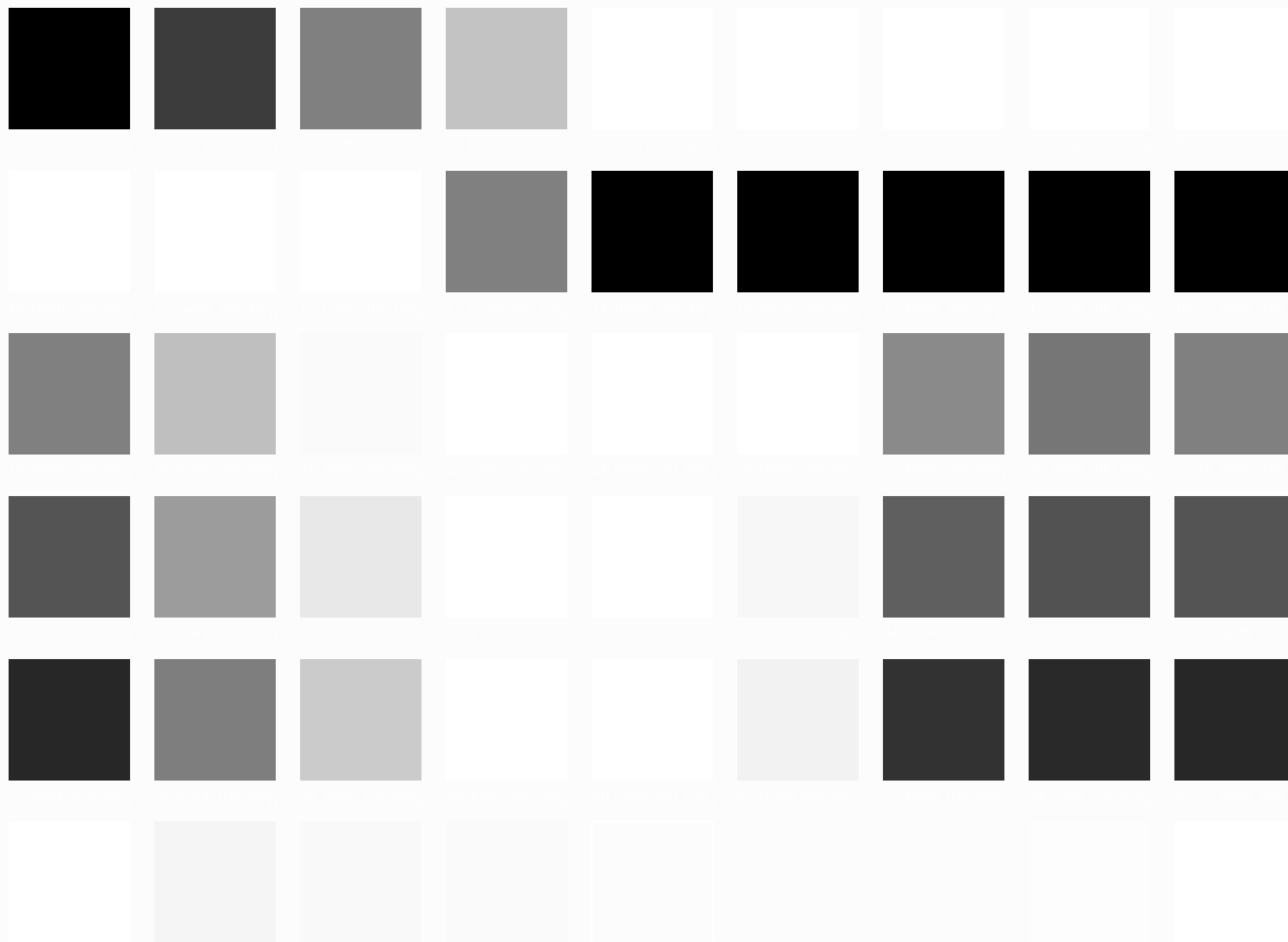


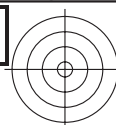
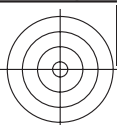
46-NW_000₁ 47-NW_01₁ 48-NW_025₁ 49-NW_050₁ 50-NW_075₁ 51-NW_090₁ 52-NW_050_050₁ 53-NW_075₁ 54-NW_100₁

grey
g

see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

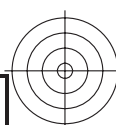
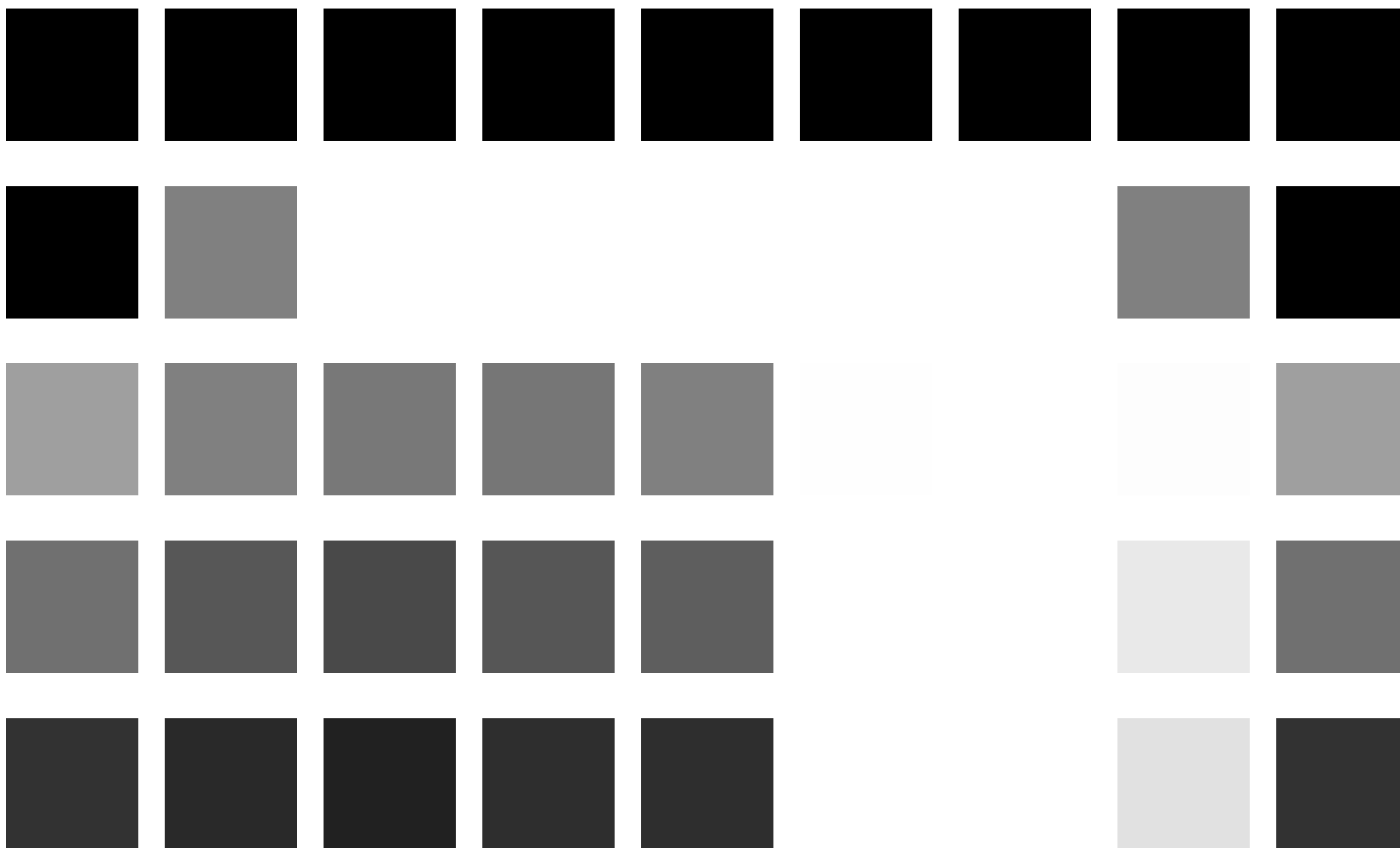
TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyk6* (CMYK)





see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14L0FA.TXT> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation cmyk* (CMYK)



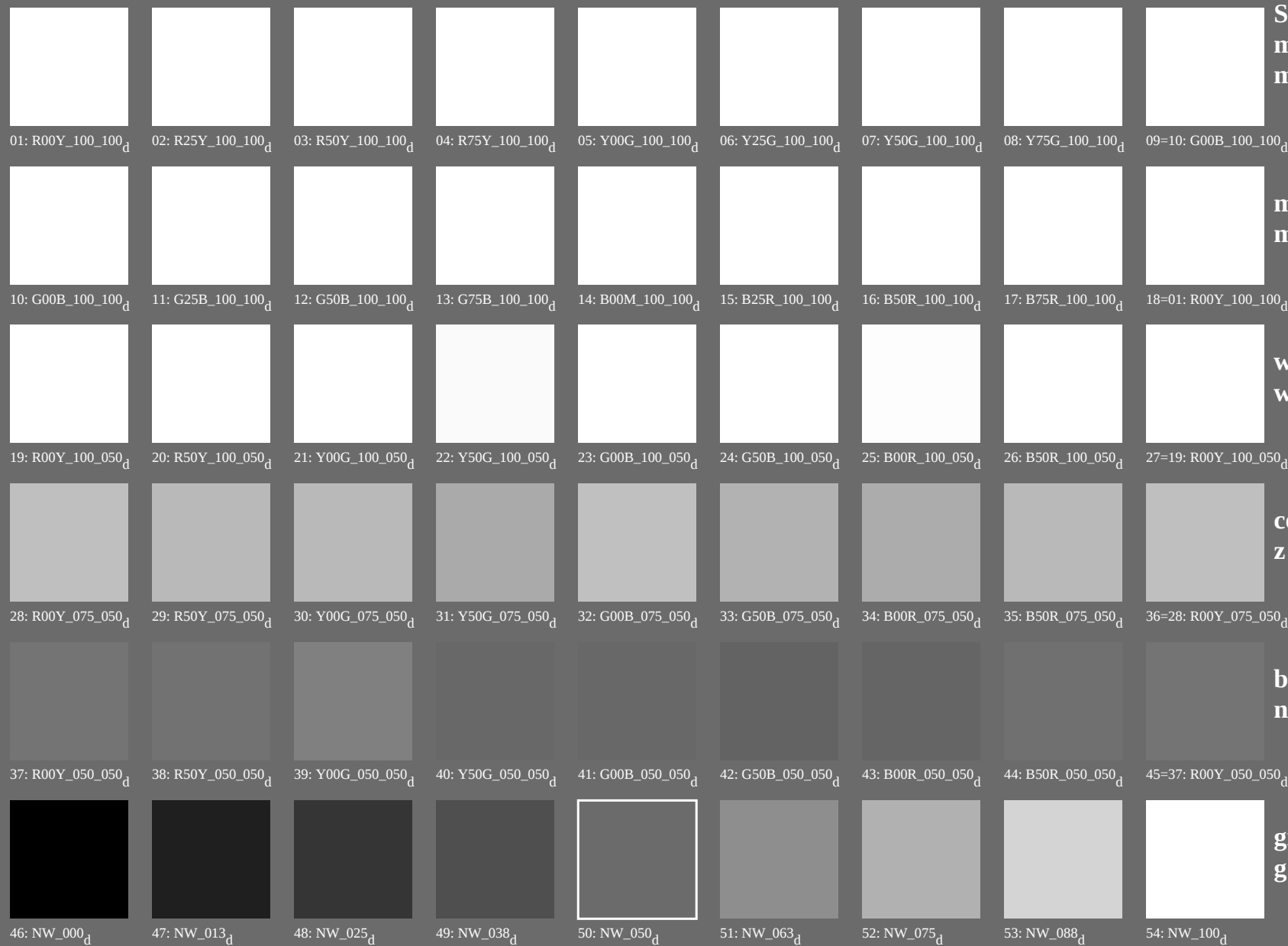
5-103430-E0

TUB-test chart PN14; colour rendering
54 standard colors, 3D=1, de=0, cmyk*

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



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



Series:
maximum
m

maximum
m

whitish
w

central
z

blackish
n

grey
g

TUB-test chart PN14; colour rendering
54 standard colors, 3D=1, de=0, $cmyk^*$

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

TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS
application for measurement of offset print output, separation $cmyk^{*6}$ (CMYK)
TUB material: code=rh4ta

TUB registration: 20130201-PN14/PN14L0FA.TXT /PS
application for measurement of offset print output, separation

TUB material: code=rha4ta
cmyn6* (CMYK)

n/f	HfC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyn*sep_Fid	hsa_id	rgb*id	LabCh*id	cmyn*id	hsa_id	rgb*id	LabCh*id	cmyn*id
0/648	R00Y_100_100ad	1.0	0.0	1.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	0.0	0.0	0.0	0.0
1/648	R13Y_100_100ad	0.0	0.125	0.0	0.0	50.9	55.5	46.4	72.3	39.9	0.0	0.0	0.0	0.0	0.0
2/666	R25Y_100_100ad	0.0	0.25	0.0	0.0	55.3	45.8	52.2	69.5	48.7	0.0	0.0	0.0	0.0	0.0
3/675	R38Y_100_100ad	0.0	0.375	0.0	0.0	61.0	34.0	59.9	68.9	60.4	0.0	0.0	0.0	0.0	0.0
4/684	R50Y_100_100ad	0.0	0.5	0.0	0.0	67.2	22.6	67.6	71.2	71.4	0.0	0.0	0.0	0.0	0.0
5/693	R63Y_100_100ad	0.0	0.625	0.0	0.0	74.0	10.4	76.6	77.3	82.2	0.0	0.0	0.0	0.0	0.0
6/702	R75Y_100_100ad	0.0	0.75	0.0	0.0	83.9	83.9	89.0	93.8	93.8	0.0	0.0	0.0	0.0	0.0
7/711	R88Y_100_100ad	0.0	0.875	0.0	0.0	88.8	88.8	90.0	93.8	93.8	0.0	0.0	0.0	0.0	0.0
8/720	Y00C_100_100ad	1.0	0.0	1.0	0.0	88.3	-11.9	95.1	95.8	97.1	0.0	0.0	0.0	0.0	0.0
9/639	Y13C_100_100ad	0.0	0.125	0.0	0.0	86.0	-15.9	89.0	90.4	100.1	0.0	0.0	0.0	0.0	0.0
10/658	Y25C_100_100ad	0.0	0.25	0.0	0.0	83.3	-19.2	83.7	85.9	102.9	0.0	0.0	0.0	0.0	0.0
11/477	Y38C_100_100ad	0.0	0.375	0.0	0.0	77.4	-24.9	76.8	80.7	107.9	0.0	0.0	0.0	0.0	0.0
12/396	Y50C_100_100ad	0.0	0.5	0.0	0.0	72.7	-31.3	66.0	73.1	115.3	0.0	0.0	0.0	0.0	0.0
13/315	Y63C_100_100ad	0.0	0.625	0.0	0.0	68.3	-37.7	57.4	68.7	123.2	0.0	0.0	0.0	0.0	0.0
14/234	Y75C_100_100ad	0.0	0.75	0.0	0.0	60.4	-48.8	46.7	67.6	136.2	0.0	0.0	0.0	0.0	0.0
15/153	Y88C_100_100ad	0.0	0.875	0.0	0.0	57.0	-55.9	38.3	67.8	145.5	0.0	0.0	0.0	0.0	0.0
16/72	G00C_100_100ad	0.0	0.0	1.0	0.0	51.9	-68.8	28.1	74.3	157.7	0.0	0.0	0.0	0.0	0.0
17/73	G13C_100_100ad	0.0	0.125	1.0	0.0	52.5	-66.6	19.9	69.5	163.3	0.0	0.0	0.0	0.0	0.0
18/74	G25C_100_100ad	0.0	0.25	1.0	0.0	53.2	-62.6	11.0	63.6	170.0	0.0	0.0	0.0	0.0	0.0
19/75	G38C_100_100ad	0.0	0.375	1.0	0.0	54.0	-57.3	0.4	57.3	180.4	0.0	0.0	0.0	0.0	0.0
20/76	G50C_100_100ad	0.0	0.5	1.0	0.0	54.8	-51.0	-12.3	52.5	193.5	0.0	0.0	0.0	0.0	0.0
21/77	G63C_100_100ad	0.0	0.625	1.0	0.0	55.8	-44.7	-22.5	50.1	206.7	0.0	0.0	0.0	0.0	0.0
22/78	G75C_100_100ad	0.0	0.75	1.0	0.0	56.8	-38.4	-31.7	49.8	219.6	0.0	0.0	0.0	0.0	0.0
23/79	G88C_100_100ad	0.0	0.875	1.0	0.0	57.6	-34.0	-37.7	50.8	227.9	0.0	0.0	0.0	0.0	0.0
24/80	C00B_100_100ad	0.0	0.0	1.0	0.0	58.3	-29.2	-43.7	52.6	236.1	0.0	0.0	0.0	0.0	0.0
25/71	C13B_100_100ad	0.0	0.125	1.0	0.0	55.4	-25.2	-43.9	50.7	240.0	0.0	0.0	0.0	0.0	0.0
26/62	C25B_100_100ad	0.0	0.25	1.0	0.0	52.2	-20.4	-44.1	48.6	245.1	0.0	0.0	0.0	0.0	0.0
27/63	C38B_100_100ad	0.0	0.375	1.0	0.0	48.0	-14.3	-44.4	46.6	251.1	0.0	0.0	0.0	0.0	0.0
28/44	C50B_100_100ad	0.0	0.5	1.0	0.0	42.7	-6.0	-45.0	45.4	262.3	0.0	0.0	0.0	0.0	0.0
29/35	C63B_100_100ad	0.0	0.625	1.0	0.0	37.6	1.8	-45.5	45.5	272.3	0.0	0.0	0.0	0.0	0.0
30/26	C75B_100_100ad	0.0	0.75	1.0	0.0	32.7	10.5	-46.2	47.4	282.8	0.0	0.0	0.0	0.0	0.0
31/17	C88B_100_100ad	0.0	0.875	1.0	0.0	28.3	17.8	-47.0	50.3	290.7	0.0	0.0	0.0	0.0	0.0
32/8	B00M_100_100ad	0.0	0.0	1.0	0.0	25.3	23.5	-47.3	52.8	296.4	0.0	0.0	0.0	0.0	0.0
33/89	B13M_100_100ad	0.0	0.125	1.0	0.0	29.0	31.2	-42.9	53.1	306.0	0.0	0.0	0.0	0.0	0.0
34/170	B25M_100_100ad	0.0	0.25	1.0	0.0	31.2	35.6	-39.6	53.3	311.9	0.0	0.0	0.0	0.0	0.0
35/251	B38M_100_100ad	0.0	0.375	1.0	0.0	33.6	46.9	-31.8	56.7	325.8	0.0	0.0	0.0	0.0	0.0
36/332	B50M_100_100ad	0.0	0.5	1.0	0.0	37.8	53.8	-26.3	59.9	333.9	0.0	0.0	0.0	0.0	0.0
37/413	B63M_100_100ad	0.0	0.625	1.0	0.0	41.1	59.3	-21.4	63.0	340.1	0.0	0.0	0.0	0.0	0.0
38/494	B75M_100_100ad	0.0	0.75	1.0	0.0	43.5	66.4	-14.5	68.0	347.6	0.0	0.0	0.0	0.0	0.0
39/575	B88M_100_100ad	0.0	0.875	1.0	0.0	46.1	69.7	-11.7	70.7	350.4	0.0	0.0	0.0	0.0	0.0
40/656	M00R_100_100ad	1.0	0.0	1.0	0.0	48.2	72.8	-8.5	73.3	353.3	0.0	0.0	0.0	0.0	0.0
41/655	M13R_100_100ad	0.0	0.125	1.0	0.0	48.2	71.7	-4.6	71.8	356.3	0.0	0.0	0.0	0.0	0.0
42/654	M25R_100_100ad	0.0	0.25	1.0	0.0	48.1	70.6	-0.2	70.6	359.8	0.0	0.0	0.0	0.0	0.0
43/653	M38R_100_100ad	0.0	0.375	1.0	0.0	48.0	69.0	6.6	69.3	363.0	0.0	0.0	0.0	0.0	0.0
44/652	M50R_100_100ad	0.0	0.5	1.0	0.0	47.7	67.7	14.0	69.1	366.0	0.0	0.0	0.0	0.0	0.0
45/651	M63R_100_100ad	0.0	0.625	1.0	0.0	47.6	66.1	22.3	69.7	369.0	0.0	0.0	0.0	0.0	0.0
46/650	M75R_100_100ad	0.0	0.75	1.0	0.0	47.6	65.0	29.7	71.5	372.0	0.0	0.0	0.0	0.0	0.0
47/649	M88R_100_100ad	0.0	0.875	1.0	0.0	47.4	64.4	35.5	73.6	375.0	0.0	0.0	0.0	0.0	0.0
48/648	R00Y_100_100ad	1.0	0.0	0.0	0.0	47.3	63.8	41.2	76.0	32.8	0.0	0.0	0.0	0.0	0.0
49/0	NW_000ad	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/91	NW_013ad	0.0	0.125	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51/182	NW_025ad	0.0	0.25	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52/273	NW_038ad	0.0	0.375	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53/364	NW_050ad	0.0	0.5	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54/455	NW_063ad	0.0	0.625	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55/546	NW_075ad	0.0	0.75	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56/637	NW_088ad	0.0	0.875	0.0	0.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57/728	NW_100ad	1.0	1.0	1.0	1.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

delta

input: rgb/cmyk -> rgbdd
output: 3D-linearization to cmyk*dd

TUB-test chart PN14; colour rendering
colors and differences, ΔE^* , 3D=1, de=0, cmyk*

PN140-7N, 7/22-F

5-103630-F0

5-103630-F0



TUB material: code=rha4ta
nyn6* (CMYK)

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

TUB-test chart PN14; colour rendering colors and differences, ΔE^* , 3D=1, de=0, cmyk*

[illegible]

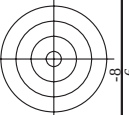
delta

see similar files: <http://130.149.60.45/~farbmatrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

TUB-test chart PN14; colour rendering colors and differences. ΔE^* , 3D=1. de=0. $cmv k^*$

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

η	HC ⁺ Fold	rgb ⁺ Fold	ict ⁺ Fold	hs ⁺ Fold	rgb ⁺ Fold	LabCH ⁺ Fold	cmvrr ⁺ sep ⁺ Fold	hs ⁺ Mid	rgb ⁺ Mid	LabCH ⁺ Mid
1	NW_000d	0.0	0.0	0.0	360	0.0	0.0	360	1.0	95.4
2	B00R_012_0124d	0.0	0.125	0.125	0.062	270	0.0	270	1.0	25.3
3	B00R_025_0254d	0.0	0.125	0.125	0.125	18.6	2.9	270	0.0	47.3
4	B00R_037_0374d	0.0	0.125	0.125	0.187	270	0.0	270	0.0	52.8
5	B00R_050_0504d	0.0	0.125	0.125	0.25	19.6	5.8	270	0.0	296.4
6	B00R_062_0624d	0.0	0.125	0.125	0.312	270	0.0	270	0.0	296.4
7	B00R_075_0754d	0.0	0.125	0.125	0.375	270	0.0	270	0.0	296.4
8	B00R_100_1004d	0.0	0.125	0.125	0.437	270	0.0	270	0.0	296.4
9	G00B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	52.8
10	G50B_025_0254d	0.0	0.125	0.125	0.125	22.7	3.5	270	0.0	296.4
11	G75B_037_0374d	0.0	0.125	0.125	0.187	270	0.0	270	0.0	157.7
12	G88B_050_0504d	0.0	0.125	0.125	0.25	23.9	6.5	270	0.0	296.4
13	G90B_062_0624d	0.0	0.125	0.125	0.312	259	0.0	270	0.0	296.4
14	G92B_075_0754d	0.0	0.125	0.125	0.375	261	0.0	270	0.0	296.4
15	G93B_100_1004d	0.0	0.125	0.125	0.437	263	0.0	270	0.0	296.4
16	G94B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
17	G95B_025_0254d	0.0	0.125	0.125	0.125	180	0.0	270	0.0	296.4
18	G96B_037_0374d	0.0	0.125	0.125	0.187	229	0.0	270	0.0	296.4
19	G97B_050_0504d	0.0	0.125	0.125	0.25	240	0.0	270	0.0	296.4
20	G98B_062_0624d	0.0	0.125	0.125	0.312	247	0.0	270	0.0	296.4
21	G99B_075_0754d	0.0	0.125	0.125	0.375	251	0.0	270	0.0	296.4
22	G99B_100_1004d	0.0	0.125	0.125	0.437	254	0.0	270	0.0	296.4
23	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
24	G99B_025_0254d	0.0	0.125	0.125	0.125	180	0.0	270	0.0	296.4
25	G99B_037_0374d	0.0	0.125	0.125	0.187	199	0.0	270	0.0	296.4
26	G99B_050_0504d	0.0	0.125	0.125	0.25	200	0.0	270	0.0	296.4
27	G99B_062_0624d	0.0	0.125	0.125	0.312	210	0.0	270	0.0	296.4
28	G99B_075_0754d	0.0	0.125	0.125	0.375	219	0.0	270	0.0	296.4
29	G99B_100_1004d	0.0	0.125	0.125	0.437	226	0.0	270	0.0	296.4
30	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
31	G99B_025_0254d	0.0	0.125	0.125	0.125	180	0.0	270	0.0	296.4
32	G99B_037_0374d	0.0	0.125	0.125	0.187	210	0.0	270	0.0	296.4
33	G99B_050_0504d	0.0	0.125	0.125	0.25	224	0.0	270	0.0	296.4
34	G99B_062_0624d	0.0	0.125	0.125	0.312	233	0.0	270	0.0	296.4
35	G99B_075_0754d	0.0	0.125	0.125	0.375	240	0.0	270	0.0	296.4
36	G99B_100_1004d	0.0	0.125	0.125	0.437	248	0.0	270	0.0	296.4
37	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
38	G99B_025_0254d	0.0	0.125	0.125	0.125	180	0.0	270	0.0	296.4
39	G99B_037_0374d	0.0	0.125	0.125	0.187	197	0.0	270	0.0	296.4
40	G99B_050_0504d	0.0	0.125	0.125	0.25	196	0.0	270	0.0	296.4
41	G99B_062_0624d	0.0	0.125	0.125	0.312	221	0.0	270	0.0	296.4
42	G99B_075_0754d	0.0	0.125	0.125	0.375	229	0.0	270	0.0	296.4
43	G99B_100_1004d	0.0	0.125	0.125	0.437	235	0.0	270	0.0	296.4
44	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
45	G99B_025_0254d	0.0	0.125	0.125	0.125	161	0.0	270	0.0	296.4
46	G99B_037_0374d	0.0	0.125	0.125	0.187	173	0.0	270	0.0	296.4
47	G99B_050_0504d	0.0	0.125	0.125	0.25	187	0.0	270	0.0	296.4
48	G99B_062_0624d	0.0	0.125	0.125	0.312	199	0.0	270	0.0	296.4
49	G99B_075_0754d	0.0	0.125	0.125	0.375	210	0.0	270	0.0	296.4
50	G99B_100_1004d	0.0	0.125	0.125	0.437	219	0.0	270	0.0	296.4
51	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
52	G99B_025_0254d	0.0	0.125	0.125	0.125	154	0.0	270	0.0	296.4
53	G99B_037_0374d	0.0	0.125	0.125	0.187	169	0.0	270	0.0	296.4
54	G99B_050_0504d	0.0	0.125	0.125	0.25	164	0.0	270	0.0	296.4
55	G99B_062_0624d	0.0	0.125	0.125	0.312	173	0.0	270	0.0	296.4
56	G99B_075_0754d	0.0	0.125	0.125	0.375	189	0.0	270	0.0	296.4
57	G99B_100_1004d	0.0	0.125	0.125	0.437	196	0.0	270	0.0	296.4
58	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
59	G99B_025_0254d	0.0	0.125	0.125	0.125	155	0.0	270	0.0	296.4
60	G99B_037_0374d	0.0	0.125	0.125	0.187	166	0.0	270	0.0	296.4
61	G99B_050_0504d	0.0	0.125	0.125	0.25	174	0.0	270	0.0	296.4
62	G99B_062_0624d	0.0	0.125	0.125	0.312	185	0.0	270	0.0	296.4
63	G99B_075_0754d	0.0	0.125	0.125	0.375	195	0.0	270	0.0	296.4
64	G99B_100_1004d	0.0	0.125	0.125	0.437	202	0.0	270	0.0	296.4
65	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
66	G99B_025_0254d	0.0	0.125	0.125	0.125	156	0.0	270	0.0	296.4
67	G99B_037_0374d	0.0	0.125	0.125	0.187	167	0.0	270	0.0	296.4
68	G99B_050_0504d	0.0	0.125	0.125	0.25	174	0.0	270	0.0	296.4
69	G99B_062_0624d	0.0	0.125	0.125	0.312	185	0.0	270	0.0	296.4
70	G99B_075_0754d	0.0	0.125	0.125	0.375	195	0.0	270	0.0	296.4
71	G99B_100_1004d	0.0	0.125	0.125	0.437	202	0.0	270	0.0	296.4
72	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
73	G99B_025_0254d	0.0	0.125	0.125	0.125	157	0.0	270	0.0	296.4
74	G99B_037_0374d	0.0	0.125	0.125	0.187	168	0.0	270	0.0	296.4
75	G99B_050_0504d	0.0	0.125	0.125	0.25	174	0.0	270	0.0	296.4
76	G99B_062_0624d	0.0	0.125	0.125	0.312	185	0.0	270	0.0	296.4
77	G99B_075_0754d	0.0	0.125	0.125	0.375	195	0.0	270	0.0	296.4
78	G99B_100_1004d	0.0	0.125	0.125	0.437	202	0.0	270	0.0	296.4
79	G99B_012_0124d	0.0	0.125	0.125	0.062	150	0.0	270	0.0	296.4
80	G99B_025_0254d	0.0	0.125	0.125	0.125	158	0.0	270	0.0	296.4



TUB material: code=rha4ta
nyn6* (CMYK)

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

see similar files: <http://130.149.60.45/~farbmatrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

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

TUB-test chart PN14; colour rendering colors and differences, ΔE^* , 3D=1, de=0, cmyk*

PN140-7N 11/22-E

5-1031030-F0

n	HIC ^{Field}	rgb ^{Field}	lcl ^{Field}	hs ^{Field}	rgb ^{Field}	LabCh ^{Field}	LabCh ^{Field}	cmvr ^{sep} Field	hs ^{Mid}	rgb ^{Mid}	LabCh ^{Mid}
162	R00Y_025_025Mid	0.25	0.0	0.125	360	0.25	0.0	0.662	0.617	0.0	0.0
163	R00Y_025_025Mid	0.25	0.125	360	0.25	0.0	0.125	0.0	0.302	0.0	0.0
164	B50R_037_037Mid	0.25	0.375	0.187	311	0.256	0.0	0.637	0.108	0.0	0.0
165	B34R_037_037Mid	0.25	0.375	0.187	311	0.256	0.0	0.637	0.108	0.0	0.0
166	B25R_050_050Mid	0.25	0.0	0.5	300	0.25	0.0	0.871	0.0	0.683	0.0
167	B19R_062_062Mid	0.25	0.625	0.312	293	0.239	0.0	0.871	0.0	0.683	0.0
168	B13R_087_087Mid	0.25	0.875	0.375	289	0.237	0.0	0.871	0.0	0.683	0.0
169	B13R_087_087Mid	0.25	0.875	0.375	286	0.233	0.0	0.871	0.0	0.683	0.0
170	B11R_100_100Mid	0.25	0.0	1.0	284	0.233	0.0	0.871	0.0	0.683	0.0
171	R50Y_025_025Mid	0.25	0.125	60	0.25	0.125	0.0	0.451	0.649	0.0	0.0
172	R00Y_025_025Mid	0.25	0.125	187	390	0.25	0.124	0.0	0.474	0.336	0.0
173	B50R_037_037Mid	0.25	0.375	0.187	330	0.25	0.124	0.0	0.474	0.336	0.0
174	B25R_037_037Mid	0.25	0.375	0.187	330	0.25	0.124	0.0	0.474	0.336	0.0
175	B15R_050_050Mid	0.25	0.5	0.375	289	0.243	0.124	0.0	0.441	0.577	0.0
176	B11R_062_062Mid	0.25	0.625	0.312	284	0.241	0.125	0.0	0.441	0.577	0.0
177	B09R_075_075Mid	0.25	0.75	0.625	281	0.239	0.125	0.0	0.455	0.577	0.0
178	B07R_087_087Mid	0.25	0.875	0.625	278	0.237	0.125	0.0	0.455	0.577	0.0
179	B06R_100_100Mid	0.25	1.0	0.875	278	0.241	0.125	0.0	0.455	0.577	0.0
180	Y00G_025_025Mid	0.25	0.0	0.25	90	0.25	0.25	0.0	0.455	0.577	0.0
181	Y00G_025_025Mid	0.25	0.125	187	90	0.25	0.124	0.0	0.455	0.577	0.0
182	N00R_037_037Mid	0.25	0.375	0.187	360	0.25	0.375	0.0	0.455	0.577	0.0
183	N00R_037_037Mid	0.25	0.375	0.187	360	0.25	0.375	0.0	0.455	0.577	0.0
184	B00R_062_062Mid	0.25	0.625	0.312	270	0.249	0.249	0.0	0.455	0.577	0.0
185	B00R_062_062Mid	0.25	0.625	0.312	270	0.249	0.249	0.0	0.455	0.577	0.0
186	B00R_075_075Mid	0.25	0.75	0.625	270	0.25	0.75	0.0	0.455	0.577	0.0
187	B00R_087_087Mid	0.25	0.875	0.625	270	0.25	0.875	0.0	0.455	0.577	0.0
188	B00R_100_100Mid	0.25	1.0	0.875	270	0.25	1.0	0.0	0.455	0.577	0.0
189	Y31G_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
190	Y31G_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
191	Y00G_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
192	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
193	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
194	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
195	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
196	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
197	G50R_037_037Mid	0.25	0.375	0.187	109	0.256	0.375	0.0	0.455	0.577	0.0
198	Y00G_050_050Mid	0.25	0.5	0.25	120	0.25	0.5	0.0	0.455	0.577	0.0
199	Y00G_050_050Mid	0.25	0.5	0.25	120	0.25	0.5	0.0	0.455	0.577	0.0
200	G00R_060_060Mid	0.25	0.5	0.25	150	0.249	0.5	0.0	0.455	0.577	0.0
201	G25R_050_025Mid	0.25	0.5	0.25	180	0.249	0.5	0.0	0.455	0.577	0.0
202	G50R_050_025Mid	0.25	0.5	0.25	210	0.249	0.5	0.0	0.455	0.577	0.0
203	G50R_050_025Mid	0.25	0.5	0.25	240	0.25	0.5	0.0	0.455	0.577	0.0
204	G50R_050_025Mid	0.25	0.5	0.25	270	0.25	0.5	0.0	0.455	0.577	0.0
205	G50R_050_025Mid	0.25	0.5	0.25	300	0.25	0.5	0.0	0.455	0.577	0.0
206	G40R_087_087Mid	0.25	0.5	0.25	251	0.239	0.625	0.0	0.455	0.577	0.0
207	Y61G_062_062Mid	0.25	0.625	0.312	127	0.239	0.625	0.0	0.455	0.577	0.0
208	Y61G_062_062Mid	0.25	0.625	0.312	136	0.241	0.625	0.0	0.455	0.577	0.0
209	G00R_062_037Mid	0.25	0.625	0.375	150	0.25	0.625	0.0	0.455	0.577	0.0
210	G15B_062_037Mid	0.25	0.625	0.375	169	0.25	0.625	0.0	0.455	0.577	0.0
211	G34B_062_037Mid	0.25	0.625	0.375	191	0.25	0.625	0.0	0.455	0.577	0.0
212	G50B_062_037Mid	0.25	0.625	0.375	210	0.25	0.625	0.0	0.455	0.577	0.0
213	G61B_075_050Mid	0.25	0.75	0.5	224	0.25	0.635	0.0	0.455	0.577	0.0
214	G69B_087_062Mid	0.25	0.875	0.625	233	0.25	0.635	0.0	0.455	0.577	0.0
215	G75R_087_075Mid	0.25	0.875	0.625	240	0.25	0.635	0.0	0.455	0.577	0.0
216	G80R_075_075Mid	0.25	0.75	0.5	230	0.237	0.75	0.0	0.455	0.577	0.0
217	Y81G_075_062Mid	0.25	0.75	0.5	150	0.25	0.75	0.0	0.455	0.577	0.0
218	Y81G_075_062Mid	0.25	0.75	0.5	164	0.25	0.75	0.0	0.455	0.577	0.0
219	G11B_075_050Mid	0.25	0.75	0.5	180	0.25	0.75	0.0	0.455	0.577	0.0
220	G25B_075_050Mid	0.25	0.75	0.5	196	0.25	0.75	0.0	0.455	0.577	0.0
221	G50B_075_050Mid	0.25	0.75	0.5	210	0.25	0.75	0.0	0.455	0.577	0.0
222	G50B_075_050Mid	0.25	0.75	0.5	224	0.25	0.75	0.0	0.455	0.577	0.0
223	G50B_075_050Mid	0.25	0.75	0.5	238	0.25	0.75	0.0	0.455	0.577	0.0
224	G50B_075_050Mid	0.25	0.75	0.5	252	0.25	0.75	0.0	0.455	0.577	0.0
225	Y83G_087_075Mid	0.25	0.875	0.625	134	0.233	0.875	0.0	0.455	0.577	0.0
226	Y83G_087_075Mid	0.25	0.875	0.625	150	0.25	0.875	0.0	0.455	0.577	0.0
227	G00R_087_062Mid	0.25	0.875	0.625	169	0.25	0.875	0.0	0.455	0.577	0.0
228	G00R_087_062Mid	0.25	0.875	0.625	187	0.25	0.875	0.0	0.455	0.577	0.0
229	G19B_087_062Mid	0.25	0.875	0.625	205	0.25	0.875	0.0	0.455	0.577	0.0
230	G30B_087_062Mid	0.25	0.875	0.625	223	0.25	0.875	0.0	0.455	0.577	0.0
231	G37B_087_062Mid	0.25	0.875	0.625	241	0.25	0.875	0.0	0.455	0.577	0.0
232	G40B_087_062Mid	0.25	0.875	0.625	259	0.25	0.875	0.0	0.455	0.577	0.0
233	G43B_087_062Mid	0.25	0.875	0.625	277	0.25	0.875	0.0	0.455	0.577	0.0
234	Y86G_100_100Mid	0.25	1.0	0.5	136	0.233	1.0	0.0	0.455	0.577	0.0
235	Y86G_100_100Mid	0.25	1.0	0.5	142	0.241	1.0	0.0	0.455	0.577	0.0
236	G00R_100_075Mid	0.25	1.0	0.125	150	0.25	1.0	0.0	0.455	0.577	0.0
237	G07B_100_075Mid	0.25	1.0	0.375	159	0.25	1.0	0.0	0.455	0.577	0.0
238	G25B_100_075Mid	0.25	1.0	0.625	169	0.25	1.0	0.0	0.455	0.577	0.0
239	G34B_100_075Mid	0.25	1.0	0.625	180	0.25	1.0	0.0	0.455	0.577	0.0
240	G42B_100_075Mid	0.25	1.0	0.625	191	0.25	1.0	0.0	0.455	0.577	0.0
241	G42B_100_075Mid	0.25	1.0	0.625	201	0.25	1.0	0.0	0.455	0.577	0.0
242	G50B_100_075Mid	0.25	1.0	0.625	210	0.25	1.0	0.0	0.455	0.577	0.0

n	H1C-Feld	rgb-Feld	ic1-Feld	hsa-Feld	rgb*Feld	LabCh*Feld	cmv*sep-Feld	cmv*Feld	hsaMid	rgb*Mid	LabCh*Mid	delta
243	R00Y.037.037ad	0.375 0.0 0.125	0.375 0.375 0.187	390	0.375 0.0 0.118	28.8 23.9	0.0 0.771	0.0 0.767	0.711 0.66	1.0 0.0 0.316	389 371	32.8 760 32.8
244	R10Y.037.037ad	0.375 0.0 0.125	0.375 0.375 0.187	391	0.375 0.0 0.118	28.9 24.6	0.0 0.767	0.0 0.767	0.711 0.665	1.0 0.0 0.316	371 371	70.4 20.9 70.4
245	B65R.037.037ad	0.375 0.0 0.375	0.375 0.375 0.187	349	0.375 0.0 0.256	29.1 26.1	0.0 0.761	0.0 0.761	0.683 0.672	1.0 0.0 0.683	348 330	69.8 3.2 69.8
246	B50R.037.037ad	0.375 0.0 0.5	0.375 0.375 0.187	349	0.375 0.0 0.5	30.6 32.2	0.0 0.755	0.0 0.755	0.679 0.679	1.0 0.0 1.0	330 317	8.5 73.3 353.3
247	B38R.050.050ad	0.375 0.0 0.625	0.375 0.375 0.187	316	0.385 0.0 0.625	31.1 36.5	0.0 0.812	0.0 0.812	0.601 0.601	1.0 0.0 1.0	307 317	66.4 14.5 680 347.6
248	B38R.062.062ad	0.375 0.0 0.625	0.375 0.375 0.187	316	0.385 0.0 0.625	32.1 36.5	0.0 0.812	0.0 0.812	0.601 0.601	1.0 0.0 1.0	307 317	66.4 14.5 680 347.6
249	B25R.075.075ad	0.375 0.0 0.75	0.375 0.375 0.187	300	0.375 0.0 0.75	32.1 36.5	0.0 0.812	0.0 0.812	0.601 0.601	1.0 0.0 1.0	307 317	66.4 14.5 680 347.6
250	B25R.087.087ad	0.375 0.0 0.875	0.375 0.375 0.187	300	0.375 0.0 0.875	32.1 36.5	0.0 0.812	0.0 0.812	0.601 0.601	1.0 0.0 1.0	307 317	66.4 14.5 680 347.6
251	B18R.100.100ad	0.375 0.0 1.0	0.375 0.375 0.187	292	0.366 0.0 1.0	33.6 46.9	0.0 0.919	0.0 0.919	0.599 0.599	1.0 0.0 1.0	291 294	57.7 329.1 329.1
252	R31Y.037.037ad	0.375 0.125 0.125	0.375 0.375 0.187	49	0.375 0.118 0.0	33.1 44.4	0.0 0.612	0.0 0.612	0.765 0.667	1.0 0.0 0.316	48 1	56.7 325.8 325.8
253	R00Y.037.025ad	0.375 0.125 0.25	0.375 0.375 0.187	390	0.375 0.124 0.124	34.8 15.9	0.0 0.612	0.0 0.612	0.667 0.667	1.0 0.0 0.316	389 1	56.7 325.8 325.8
254	R00Y.037.050ad	0.375 0.125 0.5	0.375 0.375 0.187	390	0.375 0.124 0.124	34.9 16.0	0.0 0.612	0.0 0.612	0.667 0.667	1.0 0.0 0.316	389 1	56.7 325.8 325.8
255	B34R.050.037ad	0.375 0.125 0.375	0.375 0.375 0.187	311	0.381 0.124 0.375	35.0 36.5	0.0 0.596	0.0 0.596	0.667 0.667	1.0 0.0 0.5	310 311	72.8 8.5 73.3 353.3
256	B34R.050.037ad	0.375 0.125 0.375	0.375 0.375 0.187	311	0.381 0.124 0.375	35.0 36.5	0.0 0.596	0.0 0.596	0.667 0.667	1.0 0.0 0.5	310 311	72.8 8.5 73.3 353.3
257	B25R.062.050ad	0.375 0.125 0.625	0.375 0.375 0.187	300	0.364 0.125 0.625	37.0 26.9	0.0 0.421	0.0 0.421	0.595 0.595	1.0 0.0 1.0	292 300	53.8 26.3 59.9 333.9
258	B18R.075.062ad	0.375 0.125 0.75	0.375 0.375 0.187	293	0.364 0.125 0.75	37.0 26.9	0.0 0.421	0.0 0.421	0.595 0.595	1.0 0.0 1.0	292 300	53.8 26.3 59.9 333.9
259	B18R.087.050ad	0.375 0.125 0.875	0.375 0.375 0.187	289	0.358 0.125 0.875	38.7 31.8	0.0 0.166	0.0 0.166	0.821 0.821	1.0 0.0 1.0	288 288	32.7 42.4 35.3 320.2
260	B13R.100.087ad	0.375 0.125 1.0	0.375 0.375 0.187	286	0.358 0.125 1.0	38.8 33.1	0.0 0.166	0.0 0.166	0.821 0.821	1.0 0.0 1.0	288 284	32.7 42.4 35.3 320.2
261	R68Y.037.037ad	0.375 0.25 0.0	0.375 0.375 0.187	71	0.375 0.256 0.0	39.6 26.9	0.0 0.763	0.0 0.763	0.671 0.671	1.0 0.0 0.683	71 1	79.5 79.8 84.9
262	R68Y.037.050ad	0.375 0.25 0.125	0.375 0.375 0.187	60	0.375 0.25 0.124	39.8 5.6	0.0 0.368	0.0 0.368	0.574 0.671	1.0 0.0 0.5	59 1	72.6 71.2 71.4
263	R00Y.037.012ad	0.375 0.25 0.375	0.375 0.375 0.187	330	0.375 0.249 0.375	40.8 9.1	0.0 0.375	0.0 0.375	0.671 0.671	1.0 0.0 0.5	389 1	72.6 71.2 71.4
264	B50R.037.012ad	0.375 0.25 0.375	0.375 0.375 0.187	330	0.375 0.249 0.375	40.8 9.1	0.0 0.375	0.0 0.375	0.671 0.671	1.0 0.0 0.5	389 1	72.6 71.2 71.4
265	B25R.050.025ad	0.375 0.25 0.5	0.375 0.375 0.187	300	0.375 0.249 0.5	42.1 13.4	0.0 0.375	0.0 0.375	0.686 0.686	1.0 0.0 1.0	330 330	41.2 76.8 32.8 353.3
266	B18R.062.037ad	0.375 0.25 0.625	0.375 0.375 0.187	289	0.368 0.25 0.625	42.7 15.9	0.0 0.581	0.0 0.581	0.686 0.686	1.0 0.0 1.0	288 288	42.8 35.3 55.3 320.2
267	B18R.062.037ad	0.375 0.25 0.625	0.375 0.375 0.187	289	0.368 0.25 0.625	42.7 15.9	0.0 0.581	0.0 0.581	0.686 0.686	1.0 0.0 1.0	288 288	42.8 35.3 55.3 320.2
268	B09R.087.062ad	0.375 0.25 0.75	0.375 0.375 0.187	281	0.366 0.25 0.75	43.0 21.2	0.0 0.164	0.0 0.164	0.686 0.686	1.0 0.0 1.0	279 278	53.2 309.5 311.9
269	B07R.100.075ad	0.375 0.25 1.0	0.375 0.375 0.187	279	0.362 0.25 1.0	46.2 24.5	0.0 0.692	0.0 0.692	0.686 0.686	1.0 0.0 1.0	278 89	53.2 309.5 311.9
270	Y00C.037.037ad	0.375 0.375 0.0	0.375 0.375 0.187	90	0.375 0.375 0.0	44.2 35.6	0.0 0.132	0.0 0.132	0.761 0.672	1.0 0.0 1.0	89 1	95.1 95.8 97.1
271	Y00C.037.050ad	0.375 0.375 0.125	0.375 0.375 0.187	90	0.375 0.375 0.124	45.0 29.9	0.0 0.107	0.0 0.107	0.683 0.683	1.0 0.0 1.0	89 1	95.1 95.8 97.1
272	Y00C.037.012ad	0.375 0.375 0.25	0.375 0.375 0.187	90	0.375 0.375 0.249	45.9 9.1	0.0 0.069	0.0 0.069	0.683 0.683	1.0 0.0 1.0	89 1	95.1 95.8 97.1
273	N00R.050.012ad	0.375 0.375 0.375	0.375 0.375 0.187	273	0.375 0.375 0.375	46.8 0.0	0.0 0.034	0.0 0.034	0.683 0.683	1.0 0.0 1.0	360 1	95.8 0.0 0.0 0.0
274	N00R.050.012ad	0.375 0.375 0.375	0.375 0.375 0.187	273	0.375 0.375 0.375	46.8 0.0	0.0 0.034	0.0 0.034	0.683 0.683	1.0 0.0 1.0	360 1	95.8 0.0 0.0 0.0
275	B00R.075.025ad	0.375 0.375 0.25	0.375 0.375 0.187	270	0.375 0.375 0.25	47.8 11.9	0.0 0.23	0.0 0.23	0.683 0.683	1.0 0.0 1.0	270 270	52.8 296.4 296.4
276	B00R.075.037ad	0.375 0.375 0.625	0.375 0.375 0.187	270	0.375 0.375 0.625	49.7 50.6	0.0 0.471	0.0 0.471	0.683 0.683	1.0 0.0 1.0	270 270	52.8 296.4 296.4
277	B00R.075.050ad	0.375 0.375 0.875	0.375 0.375 0.187	270	0.375 0.375 0.875	50.6 11.7	0.0 0.533	0.0 0.533	0.683 0.683	1.0 0.0 1.0	270 270	52.8 296.4 296.4
278	B00R.100.062ad	0.375 0.375 1.0	0.375 0.375 0.187	270	0.375 0.375 1.0	51.6 14.6	0.0 0.564	0.0 0.564	0.683 0.683	1.0 0.0 1.0	270 270	52.8 296.4 296.4
279	Y23C.050.050ad	0.375 0.5 0.0	0.375 0.375 0.187	104	0.383 0.5 0.0	50.5 9.6	0.0 0.8	0.0 0.8	0.683 0.683	1.0 0.0 1.0	102 108	83.7 85.9 102.9
280	Y31G.050.037ad	0.375 0.5 0.125	0.375 0.375 0.187	109	0.381 0.5 0.124	50.7 8.5	0.0 0.683	0.0 0.683	0.613 0.613	1.0 0.0 1.0	108 108	83.7 85.9 102.9
281	Y50C.050.025ad	0.375 0.5 0.25	0.375 0.375 0.187	120	0.375 0.5 0.249	50.9 7.8	0.0 0.476	0.0 0.476	0.603 0.603	1.0 0.0 1.0	119 119	72.7 31.3 66.0 73.1 115.3
282	G00B.050.012ad	0.375 0.5 0.375	0.375 0.375 0.187	150	0.375 0.5 0.375	51.1 8.6	0.0 0.326	0.0 0.326	0.566 0.566	1.0 0.0 1.0	149 149	68.8 28.1 74.3 157.7
283	G00B.050.012ad	0.375 0.5 0.375	0.375 0.375 0.187	150	0.375 0.5 0.375	51.1 8.6	0.0 0.326	0.0 0.326	0.566 0.566	1.0 0.0 1.0	149 149	68.8 28.1 74.3 157.7
284	G48B.062.025ad	0.375 0.5 0.625	0.375 0.375 0.187	240	0.375 0.5 0.625	53.1 1.5	0.0 0.465	0.0 0.465	0.582 0.582	1.0 0.0 1.0	240 240	45.8 45.4 262.3
285	G48B.062.025ad	0.375 0.5 0.625	0.375 0.375 0.187	240	0.375 0.5 0.625	53.1 1.5	0.0 0.465	0.0 0.465	0.582 0.582	1.0 0.0 1.0	240 240	45.8 45.4 262.3
286	G00B.100.062ad	0.375 0.5 0.875	0.375 0.375 0.187	256	0.375 0.5 0.875	54.3 5.2	0.0 0.088	0.0 0.088	0.473 0.473	1.0 0.0 1.0	257 257	46.2 47.4 282.8
287	G00B.100.062ad	0.375 0.5 0.875	0.375 0.375 0.187	256	0.375 0.5 0.875	54.3 5.2	0.0 0.088	0.0 0.088	0.473 0.473	1.0 0.0 1.0	257 257	46.2 47.4 282.8
288	Y38C.062.062ad	0.375 0.625 0.0	0.375 0.375 0.187	113	0.385 0.625 0.0	54.6 16.0	0.0 0.867	0.0 0.867	0.5 0.5	1.0 0.0 0.183	112 112	75.6 79.9 108.7
289	Y38C.062.050ad	0.375 0.625 0.125	0.375 0.375 0.187	120	0.385 0.625 0.125	54.9 15.6	0.0 0.867	0.0 0.867	0.5 0.5	1.0 0.0 0.183	112 112	75.6 79.9 108.7
290	Y68C.062.037ad	0.375 0.625 0.25	0.375 0.375 0.187	131	0.368 0.625 0.25	54.9 15.6	0.0 0.867	0.0 0.867	0.5 0.5	1.0 0.0 0.183	112 112	75.6 79.9 108.7
291	G00B.062.025ad	0.375 0.625 0.375	0.375 0.375 0.187	150	0.375 0.625 0.375	55.4 17.2	0.0 0.409	0.0 0.409	0.412 0.412	1.0 0.0 1.0	131 131	66.0 73.1 115.3
292	G25B.062.025ad	0.375 0.625 0.5	0									

see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB-test chart PN14; colour rendering colors and differences $\Delta E^*_{3D=1}$ $\Delta E^*_{3D=0}$ cm/yk^*

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

[illegible]

<http://130.149.60.45/~farbmatrik/PN14/PN14L0FA.TXT> /.PS; 3D-linearization
F: 3D-linearization PN14/PN14LJ30FA.DAT in file (F), page 14/22

n	HIC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCh*Fid	cmyn*sep_Fid	cmyn*Fid	hsa_Mid	rgb_Mid	LabCh*Mid
405	R00Y.062.062ad	0.625 0.0 0.0	0.625 0.625 0.312	390	0.625 0.0 0.0	36.2 39.9	25.7 47.5	0.0	0.901	0.873	0.418
406	R01Y.062.062ad	0.625 0.0 0.125	0.625 0.625 0.312	379	0.625 0.0 0.114	36.3 40.0	25.7 47.5	0.0	0.901	0.873	0.418
407	R02Y.062.062ad	0.625 0.0 0.250	0.625 0.625 0.312	367	0.625 0.0 0.239	36.5 41.4	25.7 47.5	0.0	0.901	0.873	0.418
408	R03Y.062.062ad	0.625 0.0 0.375	0.625 0.625 0.312	353	0.625 0.0 0.365	36.6 42.4	25.7 47.5	0.0	0.901	0.873	0.418
409	R04Y.062.062ad	0.625 0.0 0.500	0.625 0.625 0.312	341	0.625 0.0 0.491	36.7 44.4	25.7 47.5	0.0	0.901	0.873	0.418
410	R05Y.062.062ad	0.625 0.0 0.625	0.625 0.625 0.312	330	0.625 0.0 0.625	36.8 45.4	25.7 47.5	0.0	0.901	0.873	0.418
411	R06Y.062.062ad	0.625 0.0 0.750	0.625 0.625 0.312	318	0.625 0.0 0.750	36.9 46.4	25.7 47.5	0.0	0.901	0.873	0.418
412	R07Y.062.062ad	0.625 0.0 0.875	0.625 0.625 0.312	306	0.625 0.0 0.875	37.0 47.4	25.7 47.5	0.0	0.901	0.873	0.418
413	R08Y.062.062ad	0.625 0.0 1.000	0.625 0.625 0.312	294	0.625 0.0 1.000	37.1 48.4	25.7 47.5	0.0	0.901	0.873	0.418
414	R09Y.062.062ad	0.625 0.125 0.125	0.625 0.625 0.312	282	0.625 0.114 0.0	40.0 31.3	31.2 44.2	44.9	0.0	0.0	0.0
415	R10Y.062.062ad	0.625 0.125 0.250	0.625 0.625 0.312	270	0.625 0.125 0.250	42.2 31.9	20.8 38.0	32.8	0.0	0.0	0.0
416	R11Y.062.062ad	0.625 0.125 0.375	0.625 0.625 0.312	258	0.625 0.125 0.375	44.4 31.8	14.8 35.0	24.5	0.0	0.0	0.0
417	R12Y.062.062ad	0.625 0.125 0.500	0.625 0.625 0.312	246	0.625 0.125 0.500	46.6 31.7	7.0 34.5	11.6	0.0	0.0	0.0
418	R13Y.062.062ad	0.625 0.125 0.625	0.625 0.625 0.312	234	0.625 0.125 0.625	48.8 31.6	-0.1 35.3	35.8	0.0	0.0	0.0
419	R14Y.062.062ad	0.625 0.125 0.750	0.625 0.625 0.312	222	0.625 0.125 0.750	51.0 31.5	-4.2 36.6	35.3	0.0	0.0	0.0
420	R15Y.062.062ad	0.625 0.125 0.875	0.625 0.625 0.312	210	0.625 0.125 0.875	53.2 31.4	-8.3 37.7	34.8	0.0	0.0	0.0
421	R16Y.062.062ad	0.625 0.125 1.000	0.625 0.625 0.312	198	0.625 0.125 1.000	55.4 31.3	-12.4 38.8	34.1	0.0	0.0	0.0
422	R17Y.062.062ad	0.625 0.250 0.125	0.625 0.625 0.312	186	0.625 0.239 0.0	45.0 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
423	R18Y.062.062ad	0.625 0.250 0.250	0.625 0.625 0.312	174	0.625 0.250 0.250	47.2 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
424	R19Y.062.062ad	0.625 0.250 0.375	0.625 0.625 0.312	162	0.625 0.250 0.375	49.4 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
425	R20Y.062.062ad	0.625 0.250 0.500	0.625 0.625 0.312	150	0.625 0.250 0.500	51.6 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
426	R21Y.062.062ad	0.625 0.250 0.625	0.625 0.625 0.312	138	0.625 0.250 0.625	53.8 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
427	R22Y.062.062ad	0.625 0.250 0.750	0.625 0.625 0.312	126	0.625 0.250 0.750	56.0 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
428	R23Y.062.062ad	0.625 0.250 0.875	0.625 0.625 0.312	114	0.625 0.250 0.875	58.2 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
429	R24Y.062.062ad	0.625 0.250 1.000	0.625 0.625 0.312	102	0.625 0.250 1.000	60.4 50.0	-20.5 54.1	33.7	0.0	0.0	0.0
430	R25Y.062.062ad	0.625 0.375 0.125	0.625 0.625 0.312	90	0.625 0.312 0.0	52.1 11.3	33.8 35.6	71.4	0.0	0.0	0.0
431	R26Y.062.062ad	0.625 0.375 0.250	0.625 0.625 0.312	78	0.625 0.312 0.250	54.3 16.2	17.2 11.6	0.0	0.0	0.0	0.0
432	R27Y.062.062ad	0.625 0.375 0.375	0.625 0.625 0.312	66	0.625 0.312 0.375	56.5 16.2	17.2 11.6	0.0	0.0	0.0	0.0
433	R28Y.062.062ad	0.625 0.375 0.500	0.625 0.625 0.312	54	0.625 0.312 0.500	58.7 16.2	17.2 11.6	0.0	0.0	0.0	0.0
434	R29Y.062.062ad	0.625 0.375 0.625	0.625 0.625 0.312	42	0.625 0.312 0.625	60.9 16.2	17.2 11.6	0.0	0.0	0.0	0.0
435	R30Y.062.062ad	0.625 0.375 0.750	0.625 0.625 0.312	30	0.625 0.312 0.750	63.1 16.2	17.2 11.6	0.0	0.0	0.0	0.0
436	R31Y.062.062ad	0.625 0.375 0.875	0.625 0.625 0.312	18	0.625 0.312 0.875	65.3 16.2	17.2 11.6	0.0	0.0	0.0	0.0
437	R32Y.062.062ad	0.625 0.375 1.000	0.625 0.625 0.312	6	0.625 0.312 1.000	67.5 16.2	17.2 11.6	0.0	0.0	0.0	0.0
438	R33Y.062.062ad	0.625 0.500 0.125	0.625 0.625 0.312	293	0.625 0.375 0.0	57.1 57.1	54.1 91.2	0.0	0.0	0.0	0.0
439	R34Y.062.062ad	0.625 0.500 0.250	0.625 0.625 0.312	281	0.625 0.375 0.250	59.3 57.1	54.1 91.2	0.0	0.0	0.0	0.0
440	R35Y.062.062ad	0.625 0.500 0.375	0.625 0.625 0.312	269	0.625 0.375 0.375	61.5 57.1	54.1 91.2	0.0	0.0	0.0	0.0
441	R36Y.062.062ad	0.625 0.500 0.500	0.625 0.625 0.312	257	0.625 0.375 0.500	63.7 57.1	54.1 91.2	0.0	0.0	0.0	0.0
442	R37Y.062.062ad	0.625 0.500 0.625	0.625 0.625 0.312	245	0.625 0.375 0.625	65.9 57.1	54.1 91.2	0.0	0.0	0.0	0.0
443	R38Y.062.062ad	0.625 0.500 0.750	0.625 0.625 0.312	233	0.625 0.375 0.750	68.1 57.1	54.1 91.2	0.0	0.0	0.0	0.0
444	R39Y.062.062ad	0.625 0.500 0.875	0.625 0.625 0.312	221	0.625 0.375 0.875	70.3 57.1	54.1 91.2	0.0	0.0	0.0	0.0
445	R40Y.062.062ad	0.625 0.500 1.000	0.625 0.625 0.312	209	0.625 0.375 1.000	72.5 57.1	54.1 91.2	0.0	0.0	0.0	0.0
446	R41Y.062.062ad	0.625 0.625 0.125	0.625 0.625 0.312	197	0.625 0.500 0.0	58.5 0.0	41.9 41.9	89.0	0.0	0.0	0.0
447	R42Y.062.062ad	0.625 0.625 0.250	0.625 0.625 0.312	185	0.625 0.500 0.250	60.7 0.0	29.8 29.9	84.9	0.0	0.0	0.0
448	R43Y.062.062ad	0.625 0.625 0.375	0.625 0.625 0.312	173	0.625 0.500 0.375	62.9 0.0	16.9 17.8	91.0	0.0	0.0	0.0
449	R44Y.062.062ad	0.625 0.625 0.500	0.625 0.625 0.312	161	0.625 0.500 0.500	65.1 0.0	5.1 9.1	35.3	0.0	0.0	0.0
450	R45Y.062.062ad	0.625 0.625 0.625	0.625 0.625 0.312	149	0.625 0.500 0.625	67.3 0.0	-1.0 9.1	35.3	0.0	0.0	0.0
451	R46Y.062.062ad	0.625 0.625 0.750	0.625 0.625 0.312	137	0.625 0.500 0.750	69.5 0.0	-6.5 14.9	35.3	0.0	0.0	0.0
452	R47Y.062.062ad	0.625 0.625 0.875	0.625 0.625 0.312	125	0.625 0.500 0.875	71.7 0.0	-13.2 20.7	32.0	0.0	0.0	0.0
453	R48Y.062.062ad	0.625 0.625 1.000	0.625 0.625 0.312	113	0.625 0.500 1.000	73.9 0.0	-19.3 26.6	31.9	0.0	0.0	0.0
454	R49Y.062.062ad	0.625 0.750 0.125	0.625 0.625 0.312	101	0.625 0.625 0.0	61.8 0.0	61.8 59.9	97.1	0.0	0.0	0.0
455	R50Y.062.062ad	0.625 0.750 0.250	0.625 0.625 0.312	89	0.625 0.625 0.250	64.0 0.0	59.9 97.1	0.0	0.0	0.0	0.0
456	R51Y.062.062ad	0.625 0.750 0.375	0.625 0.625 0.312	77	0.625 0.625 0.375	66.2 0.0	54.9 97.1	0.0	0.0	0.0	0.0
457	R52Y.062.062ad	0.625 0.750 0.500	0.625 0.625 0.312	65	0.625 0.625 0.500	68.4 0.0	49.7 97.1	0.0	0.0	0.0	0.0
458	R53Y.062.062ad	0.625 0.750 0.625	0.625 0.625 0.312	53	0.625 0.625 0.625	70.6 0.0	44.7 97.1	0.0	0.0	0.0	0.0
459	R54Y.062.062ad	0.625 0.750 0.750	0.625 0.625 0.312	41	0.625 0.625 0.750	72.8 0.0	39.7 97.1	0.0	0.0	0.0	0.0
460	R55Y.062.062ad	0.625 0.750 0.875	0.625 0.625 0.312	29	0.625 0.625 0.875	75.0 0.0	34.7 97.1	0.0	0.0	0.0	0.0
461	R56Y.062.062ad	0.625 0.750 1.000	0.625 0.625 0.312	17	0.625 0.625 1.000	77.2 0.0	29.7 97.1	0.0	0.0	0.0	0.0
462	R57Y.062.062ad	0.625 0.875 0.125	0.625 0.625 0.312	5	0.625 0.625 0.125	79.4 0.0	24.7 97.1	0.0	0.0	0.0	0.0
463	R58Y.062.062ad	0.625 0.875 0.250	0.625 0.625 0.312	0	0.625 0.625 0.250	81.6 0.0	19.7 97.1	0.0	0.0	0.0	0.0
464	R59Y.062.062ad	0.625 0.875 0.375	0.625 0.625 0.312	0	0.625 0.625 0.375	83.8 0.0	14.7 97.1	0.0	0.0	0.0	0.0
465	R60Y.062.062ad	0.625 0.875 0.500	0.625 0.625 0.312	0	0.625 0.625 0.500	86.0 0.0	9.7 97.1	0.0	0.0	0.0	0.0
466	R61Y.062.062ad	0.625 0.875 0.625	0.625 0.625 0.312	0	0.625 0.625 0.625	88.2 0.0	4.				



TUB material: code=rha4ta
nyn6* (CMYK)

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



TUB material: code=rha4ta
nyn6* (CMYK)

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

5-1031830-F0

n	HC ⁺ Fold	rgb ⁺ Fold	ict ⁺ Fold	hs ⁺ Fold	rgb ⁺ Fold	LabCh ⁺ Fold	cmvrr ⁺ sep ⁺ Fold	hs ⁺ Mid	rgb ⁺ Mid	LabCh ⁺ Mid	delta
810	NW_100Mid	1.0	1.0	1.0	0.0	1.0	0.0	360	1.0	95.4	0.0
811	BOOR_101Mid	0.875	0.875	1.0	0.125	0.937	270	360	1.0	25.3	0.0
812	BOOR_100_025Mid	0.75	0.75	1.0	0.25	0.875	270	270	0.0	1.0	0.0
813	BOOR_100_037Mid	0.625	0.625	1.0	0.375	0.812	270	270	0.0	1.0	0.0
814	BOOR_100_050Mid	0.5	0.5	1.0	0.5	0.75	270	270	0.0	1.0	0.0
815	BOOR_100_062Mid	0.375	0.375	1.0	0.625	0.687	270	270	0.0	1.0	0.0
816	BOOR_100_075Mid	0.25	0.25	1.0	0.75	0.625	270	270	0.0	1.0	0.0
817	BOOR_100_087Mid	0.125	0.125	1.0	0.875	0.562	270	270	0.0	1.0	0.0
818	BOOR_100_100Mid	0.0	0.0	1.0	1.0	0.5	270	270	0.0	1.0	0.0
819	Y00C_100_012Mid	1.0	1.0	0.875	0.125	0.937	90	89	1.0	0.0	0.0
820	NW_087Mid	0.875	0.875	0.875	0.875	0.875	360	360	1.0	0.0	0.0
821	BOOR_087_012Mid	0.875	0.875	0.875	0.875	0.875	360	360	1.0	0.0	0.0
822	BOOR_087_025Mid	0.625	0.625	0.875	0.625	0.875	270	270	0.0	1.0	0.0
823	BOOR_087_037Mid	0.5	0.5	0.875	0.875	0.875	270	270	0.0	1.0	0.0
824	BOOR_087_050Mid	0.375	0.375	0.875	0.875	0.875	270	270	0.0	1.0	0.0
825	BOOR_087_062Mid	0.25	0.25	0.875	0.875	0.875	270	270	0.0	1.0	0.0
826	BOOR_087_075Mid	0.125	0.125	0.875	0.875	0.875	270	270	0.0	1.0	0.0
827	BOOR_087_087Mid	0.0	0.0	0.875	0.875	0.875	270	270	0.0	1.0	0.0
828	Y00C_100_025Mid	0.875	0.875	0.875	0.875	0.875	90	89	1.0	0.0	0.0
829	Y00C_087_012Mid	0.875	0.875	0.875	0.875	0.875	360	360	1.0	0.0	0.0
830	NW_075Mid	0.75	0.75	0.75	0.75	0.75	360	360	1.0	0.0	0.0
831	BOOR_075_012Mid	0.625	0.625	0.75	0.625	0.75	270	270	0.0	1.0	0.0
832	BOOR_075_025Mid	0.5	0.5	0.75	0.625	0.625	270	270	0.0	1.0	0.0
833	BOOR_075_037Mid	0.375	0.375	0.75	0.375	0.562	270	270	0.0	1.0	0.0
834	BOOR_075_050Mid	0.25	0.25	0.75	0.25	0.5	270	270	0.0	1.0	0.0
835	BOOR_075_062Mid	0.125	0.125	0.75	0.125	0.437	270	270	0.0	1.0	0.0
836	BOOR_075_075Mid	0.0	0.0	0.75	0.125	0.375	270	270	0.0	1.0	0.0
837	Y00C_087_037Mid	0.875	0.875	0.875	0.875	0.875	360	360	1.0	0.0	0.0
838	Y00C_087_050Mid	0.75	0.75	0.875	0.875	0.875	270	270	0.0	1.0	0.0
839	Y00C_087_062Mid	0.625	0.625	0.875	0.875	0.875	270	270	0.0	1.0	0.0
840	Y00C_087_075Mid	0.5	0.5	0.875	0.875	0.875	270	270	0.0	1.0	0.0
841	BOOR_062_012Mid	0.5	0.5	0.625	0.625	0.625	270	270	0.0	1.0	0.0
842	BOOR_062_025Mid	0.375	0.375	0.625	0.625	0.625	270	270	0.0	1.0	0.0
843	BOOR_062_037Mid	0.25	0.25	0.625	0.625	0.625	270	270	0.0	1.0	0.0
844	BOOR_062_050Mid	0.125	0.125	0.625	0.625	0.625	270	270	0.0	1.0	0.0
845	BOOR_062_062Mid	0.0	0.0	0.625	0.625	0.625	270	270	0.0	1.0	0.0
846	Y00C_100_050Mid	1.0	1.0	0.5	0.5	0.75	90	89	1.0	0.0	0.0
847	Y00C_087_037Mid	0.875	0.875	0.875	0.875	0.875	360	360	1.0	0.0	0.0
848	Y00C_075_025Mid	0.75	0.75	0.75	0.75	0.75	270	270	0.0	1.0	0.0
849	Y00C_062_012Mid	0.5	0.5	0.5	0.5	0.5	270	270	0.0	1.0	0.0
850	NW_050Mid	0.5	0.5	0.5	0.5	0.5	360	360	1.0	0.0	0.0
851	BOOR_050_012Mid	0.375	0.375	0.5	0.375	0.437	270	270	0.0	1.0	0.0
852	BOOR_050_025Mid	0.25	0.25	0.5	0.25	0.375	270	270	0.0	1.0	0.0
853	BOOR_050_037Mid	0.125	0.125	0.5	0.125	0.312	270	270	0.0	1.0	0.0
854	BOOR_050_050Mid	0.0	0.0	0.5	0.0	0.25	270	270	0.0	1.0	0.0
855	Y00C_100_062Mid	1.0	1.0	0.375	0.1	0.625	360	360	1.0	0.0	0.0
856	Y00C_087_050Mid	0.875	0.875	0.375	0.875	0.875	270	270	0.0	1.0	0.0
857	Y00C_075_037Mid	0.75	0.75	0.375	0.75	0.375	270	270	0.0	1.0	0.0
858	Y00C_062_025Mid	0.625	0.625	0.375	0.625	0.625	270	270	0.0	1.0	0.0
859	Y00C_050_012Mid	0.5	0.5	0.375	0.5	0.375	270	270	0.0	1.0	0.0
860	NW_037Mid	0.375	0.375	0.375	0.375	0.375	360	360	1.0	0.0	0.0
861	BOOR_037_012Mid	0.25	0.25	0.375	0.375	0.25	270	270	0.0	1.0	0.0
862	BOOR_037_025Mid	0.125	0.125	0.375	0.375	0.125	270	270	0.0	1.0	0.0
863	BOOR_037_037Mid	0.0	0.0	0.375	0.375	0.187	270	270	0.0	1.0	0.0
864	Y00C_100_075Mid	1.0	1.0	0.25	1.0	0.75	360	360	1.0	0.0	0.0
865	Y00C_087_062Mid	0.875	0.875	0.25	0.875	0.625	270	270	0.0	1.0	0.0
866	Y00C_075_050Mid	0.75	0.75	0.25	0.75	0.5	270	270	0.0	1.0	0.0
867	Y00C_062_037Mid	0.625	0.625	0.25	0.625	0.375	270	270	0.0	1.0	0.0
868	Y00C_050_025Mid	0.5	0.5	0.25	0.5	0.25	270	270	0.0	1.0	0.0
869	Y00C_037_012Mid	0.375	0.375	0.25	0.375	0.125	270	270	0.0	1.0	0.0
870	NW_025Mid	0.25	0.25	0.25	0.25	0.25	360	360	1.0	0.0	0.0
871	BOOR_025_012Mid	0.125	0.125	0.25	0.125	0.187	270	270	0.0	1.0	0.0
872	BOOR_025_025Mid	0.0	0.0	0.25	0.125	0.125	270	270	0.0	1.0	0.0
873	Y00C_100_087Mid	1.0	1.0	0.125	1.0	0.875	360	360	1.0	0.0	0.0
874	Y00C_087_075Mid	0.875	0.875	0.125	0.875	0.75	270	270	0.0	1.0	0.0
875	Y00C_075_062Mid	0.75	0.75	0.125	0.75	0.625	270	270	0.0	1.0	0.0
876	Y00C_062_050Mid	0.625	0.625	0.125	0.625	0.5	270	270	0.0	1.0	0.0
877	Y00C_050_037Mid	0.5	0.5	0.125	0.5	0.375	270	270	0.0	1.0	0.0
878	Y00C_037_025Mid	0.375	0.375	0.125	0.375	0.25	270	270	0.0	1.0	0.0
879	Y00C_025_012Mid	0.25	0.25	0.125	0.25	0.125	270	270	0.0	1.0	0.0
880	NW_012Mid	0.125	0.125	0.125	0.125	0.125	360	360	1.0	0.0	0.0
881	BOOR_012_012Mid	0.0	0.0	0.125	0.125	0.125	270	270	0.0	1.0	0.0
882	Y00C_100_100Mid	1.0	1.0	0.0	1.0	0.5	90	89	1.0	0.0	0.0
883	Y00C_087_087Mid	0.875	0.875	0.0	0.875	0.875	360	360	1.0	0.0	0.0
884	Y00C_075_075Mid	0.75	0.75	0.0	0.75	0.75	270	270	0.0	1.0	0.0
885	Y00C_062_062Mid	0.625	0.625	0.0	0.625	0.625	270	270	0.0	1.0	0.0
886	Y00C_050_050Mid	0.5	0.5	0.0	0.5	0.5	270	270	0.0	1.0	0.0
887	Y00C_037_037Mid	0.375	0.375	0.0	0.375	0.375	270	270	0.0	1.0	0.0
888	Y00C_025_025Mid	0.25	0.25	0.0	0.25	0.25	270	270	0.0	1.0	0.0
889	Y00C_012_012Mid	0.125	0.125	0.0	0.125	0.125	270	270	0.0	1.0	0.0
890	NW_000Mid	0.0	0.0	0.0	0.0	0.0	360	360	1.0	1.0	0.0

see similar files: <http://130.149.60.45/~farbmetrik/PN14/PN14.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmetrik/PN14/PN14L0FA.TXT> /.PS; 3D-linearization
F: 3D-linearization PN14/PN14LJ30FA.DAT in file (F), page 21/22

input: *rgb/cmyk* -> *rgbbd*
output: 3D-linearization to *cmyk**dd

TUB-test chart PN14; colour rendering
colors and differences, ΔE^* , 3D=1, de=0, *cmyk**

n	HC*Fid	rgb_Fid	icr_Fid	hsa_Fid	rgb*Fid	LabCH*Fid	cmyk*_sep_Fid	hsa_id	rgb*id	LabCH*id
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	0.0	0.0	360	1.0	1.0
974	NW_025ad	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0
975	NW_037ad	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0
976	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0
977	NW_062ad	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0
978	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0
979	NW_087ad	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0
980	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
981	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
982	NW_012ad	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0
983	NW_025ad	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0
984	NW_037ad	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0
985	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0
986	NW_062ad	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0
987	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0
988	NW_087ad	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0
989	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
990	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
991	NW_012ad	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0
992	NW_025ad	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0
993	NW_037ad	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0
994	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0
995	NW_062ad	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0
996	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0
997	NW_087ad	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0
998	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
999	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
1000	NW_012ad	0.125	0.125	0.125	0.125	0.0	0.0	360	1.0	1.0
1001	NW_025ad	0.25	0.25	0.25	0.25	0.0	0.0	360	1.0	1.0
1002	NW_037ad	0.375	0.375	0.375	0.375	0.0	0.0	360	1.0	1.0
1003	NW_050ad	0.5	0.5	0.5	0.5	0.0	0.0	360	1.0	1.0
1004	NW_062ad	0.625	0.625	0.625	0.625	0.0	0.0	360	1.0	1.0
1005	NW_075ad	0.75	0.75	0.75	0.75	0.0	0.0	360	1.0	1.0
1006	NW_087ad	0.875	0.875	0.875	0.875	0.0	0.0	360	1.0	1.0
1007	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
1008	NW_000ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
1009	NW_006ad	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0
1010	NW_013ad	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0
1011	NW_020ad	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0
1012	NW_026ad	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0
1013	NW_033ad	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0
1014	NW_040ad	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0
1015	NW_046ad	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0
1016	NW_053ad	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0
1017	NW_060ad	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0
1018	NW_066ad	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0
1019	NW_073ad	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0
1020	NW_080ad	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0
1021	NW_086ad	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0
1022	NW_093ad	0.933	0.933	0.933	0.933	0.0	0.0	360	1.0	1.0
1023	NW_100ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
1024	NW_000ad	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0
1025	NW_006ad	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0
1026	NW_013ad	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0
1027	NW_020ad	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0
1028	NW_026ad	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0
1029	NW_033ad	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0
1030	NW_040ad	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0
1031	NW_046ad	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0
1032	NW_053ad	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0
1033	NW_060ad	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0
1034	NW_066ad	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0
1035	NW_073ad	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0
1036	NW_080ad	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0
1037	NW_086ad	0.933	0.933	0.933	0.933	0.0	0.0	360	1.0	1.0
1038	NW_093ad	1.0	1.0	1.0	1.0	0.0	0.0	360	1.0	1.0
1039	NW_100ad	0.0	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0
1040	NW_000ad	0.066	0.066	0.066	0.066	0.0	0.0	360	1.0	1.0
1041	NW_006ad	0.133	0.133	0.133	0.133	0.0	0.0	360	1.0	1.0
1042	NW_013ad	0.2	0.2	0.2	0.2	0.0	0.0	360	1.0	1.0
1043	NW_020ad	0.266	0.266	0.266	0.266	0.0	0.0	360	1.0	1.0
1044	NW_026ad	0.333	0.333	0.333	0.333	0.0	0.0	360	1.0	1.0
1045	NW_033ad	0.4	0.4	0.4	0.4	0.0	0.0	360	1.0	1.0
1046	NW_040ad	0.466	0.466	0.466	0.466	0.0	0.0	360	1.0	1.0
1047	NW_046ad	0.533	0.533	0.533	0.533	0.0	0.0	360	1.0	1.0
1048	NW_053ad	0.6	0.6	0.6	0.6	0.0	0.0	360	1.0	1.0
1049	NW_060ad	0.666	0.666	0.666	0.666	0.0	0.0	360	1.0	1.0
1050	NW_066ad	0.734	0.734	0.734	0.734	0.0	0.0	360	1.0	1.0
1051	NW_073ad	0.8	0.8	0.8	0.8	0.0	0.0	360	1.0	1.0
1052	NW_080ad	0.866	0.866	0.866	0.866	0.0	0.0	360	1.0	1.0

PN140-7N, 21/22-F

5-1032030-F0

delta

TUB registration: 20130201-PN14/PN14L0FA.TXT /.PS
application for measurement of offset print output, separation cmyn6* (CMYK)

TUB material: code=rha4ta

n	H1C*Fidd	rgb_Fidd	1c*_Fidd	hsa_Fidd	rgb*_Fidd	LabCH*_Fidd	cmyn*_sep_Fidd	0.007	0.0	0.179	LabCH*_Fidd	rgb*_Fidd	hsa*_Fidd
1053	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	85.0 0.0 0.0	0.007 0.0 0.179	0.007 0.0 0.179	0.007 0.0 0.179	0.007 0.0 0.179	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1054	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.2 0.0 0.0	0.005 0.0 0.084	0.005 0.0 0.084	0.005 0.0 0.084	0.005 0.0 0.084	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1055	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1056	NW_006dd	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	22.8 0.0 0.0	0.006 0.006 0.006	0.006 0.006 0.006	0.006 0.006 0.006	0.006 0.006 0.006	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1057	NW_013dd	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	0.133 0.133 0.133	28.0 0.0 0.0	0.013 0.013 0.013	0.013 0.013 0.013	0.013 0.013 0.013	0.013 0.013 0.013	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1058	NW_020dd	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	33.2 0.0 0.0	0.02 0.02 0.02	0.02 0.02 0.02	0.02 0.02 0.02	0.02 0.02 0.02	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1059	NW_026dd	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	38.3 0.0 0.0	0.026 0.026 0.026	0.026 0.026 0.026	0.026 0.026 0.026	0.026 0.026 0.026	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1060	NW_033dd	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	0.033 0.033 0.033	0.033 0.033 0.033	0.033 0.033 0.033	0.033 0.033 0.033	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1061	NW_040dd	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	0.04 0.04 0.04	0.04 0.04 0.04	0.04 0.04 0.04	0.04 0.04 0.04	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1062	NW_046dd	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	0.046 0.046 0.046	0.046 0.046 0.046	0.046 0.046 0.046	0.046 0.046 0.046	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1063	NW_053dd	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	0.053 0.053 0.053	0.053 0.053 0.053	0.053 0.053 0.053	0.053 0.053 0.053	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1064	NW_060dd	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	0.06 0.06 0.06	0.06 0.06 0.06	0.06 0.06 0.06	0.06 0.06 0.06	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1065	NW_066dd	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	0.666 0.666 0.666	69.5 0.0 0.0	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1066	NW_073dd	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	0.734 0.734 0.734	74.7 0.0 0.0	0.073 0.073 0.073	0.073 0.073 0.073	0.073 0.073 0.073	0.073 0.073 0.073	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1067	NW_080dd	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	79.9 0.0 0.0	0.08 0.08 0.08	0.08 0.08 0.08	0.08 0.08 0.08	0.08 0.08 0.08	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1068	NW_086dd	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	0.866 0.866 0.866	85.0 0.0 0.0	0.086 0.086 0.086	0.086 0.086 0.086	0.086 0.086 0.086	0.086 0.086 0.086	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1069	NW_093dd	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	0.933 0.933 0.933	90.2 0.0 0.0	0.093 0.093 0.093	0.093 0.093 0.093	0.093 0.093 0.093	0.093 0.093 0.093	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1070	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1071	NW_006dd	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	22.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1072	NW_013dd	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	28.0 0.0 0.0	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1073	NW_020dd	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	33.2 0.0 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1074	NW_026dd	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	38.3 0.0 0.0	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1075	NW_033dd	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	43.6 0.0 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1076	NW_040dd	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	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1077	NW_046dd	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	53.9 0.0 0.0	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1078	NW_053dd	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	59.1 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1079	NW_060dd	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	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1080	NW_066dd	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	69.5 0.0 0.0	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1081	NW_073dd	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	74.7 0.0 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1082	NW_080dd	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	79.9 0.0 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1083	NW_086dd	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	85.0 0.0 0.0	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1084	NW_093dd	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	90.2 0.0 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1085	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1086	NW_006dd	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	22.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1087	NW_013dd	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	28.0 0.0 0.0	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1088	NW_020dd	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	33.2 0.0 0.0	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1089	NW_026dd	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	38.3 0.0 0.0	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	0.26 0.26 0.26	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1090	NW_033dd	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	43.6 0.0 0.0	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	0.33 0.33 0.33	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1091	NW_040dd	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	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1092	NW_046dd	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	53.9 0.0 0.0	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	0.46 0.46 0.46	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1093	NW_053dd	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	59.1 0.0 0.0	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	0.53 0.53 0.53	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1094	NW_060dd	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	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1095	NW_066dd	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	69.5 0.0 0.0	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	0.66 0.66 0.66	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1096	NW_073dd	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	74.7 0.0 0.0	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	0.73 0.73 0.73	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1097	NW_080dd	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	79.9 0.0 0.0	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	0.8 0.8 0.8	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1098	NW_086dd	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	85.0 0.0 0.0	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	0.86 0.86 0.86	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1099	NW_093dd	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	90.2 0.0 0.0	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	0.93 0.93 0.93	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1100	NW_100dd	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1.0 1.0
1101	NW_006dd	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	22.8 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	95.4 0.0 0.0	1.0 1.0 1.0	360 1