

13 standard colours for D65

in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

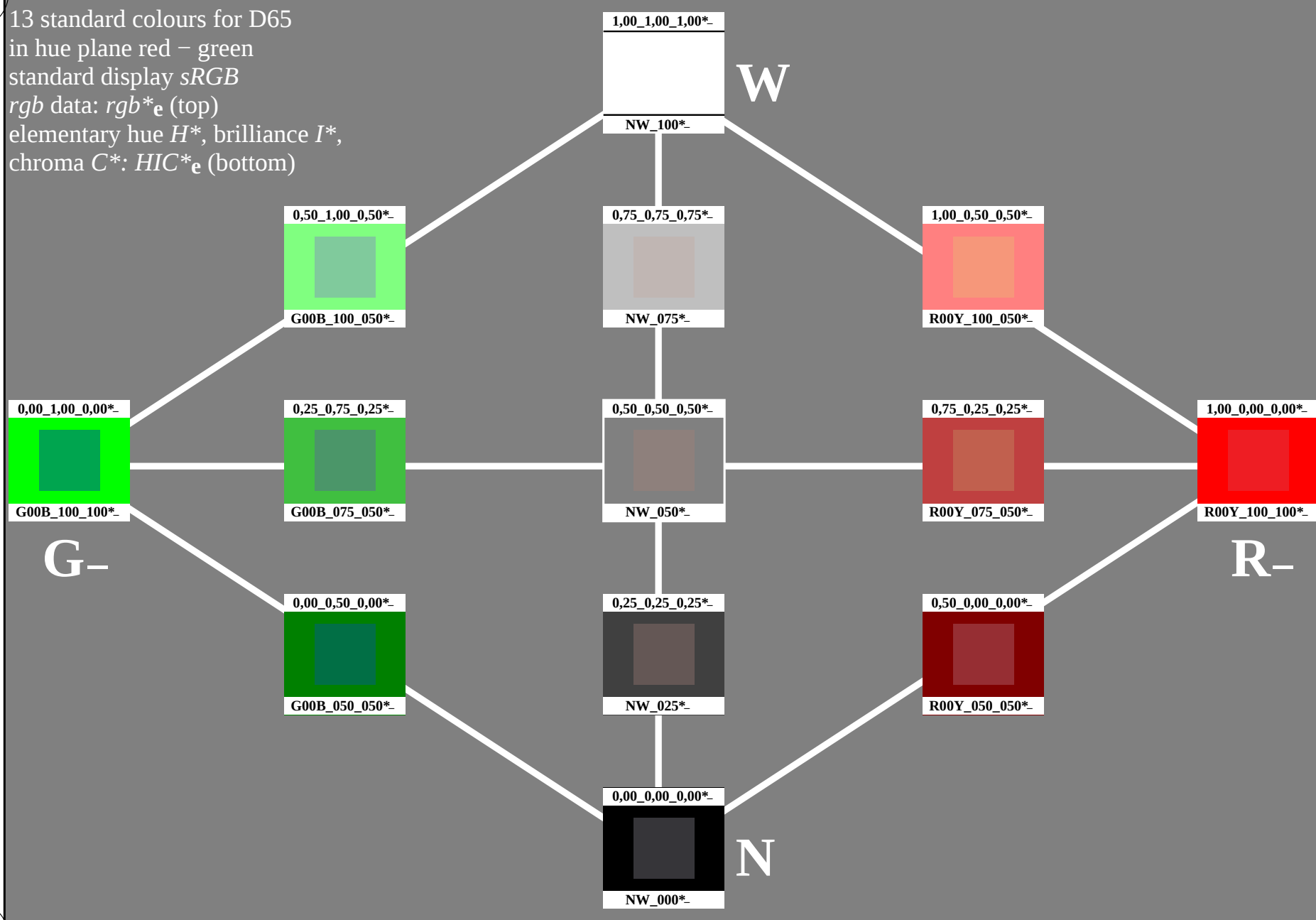
elementary hue H^* , brilliance I^* ,

chroma C^* : HIC^*_e (bottom)

see similar files: <http://130.149.60.45/~farbmetrik/PE58/PE58.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE58/PE58L0FP.PDF /.PS
 application for measurement of offset print output

TUB material: code=rha4ta



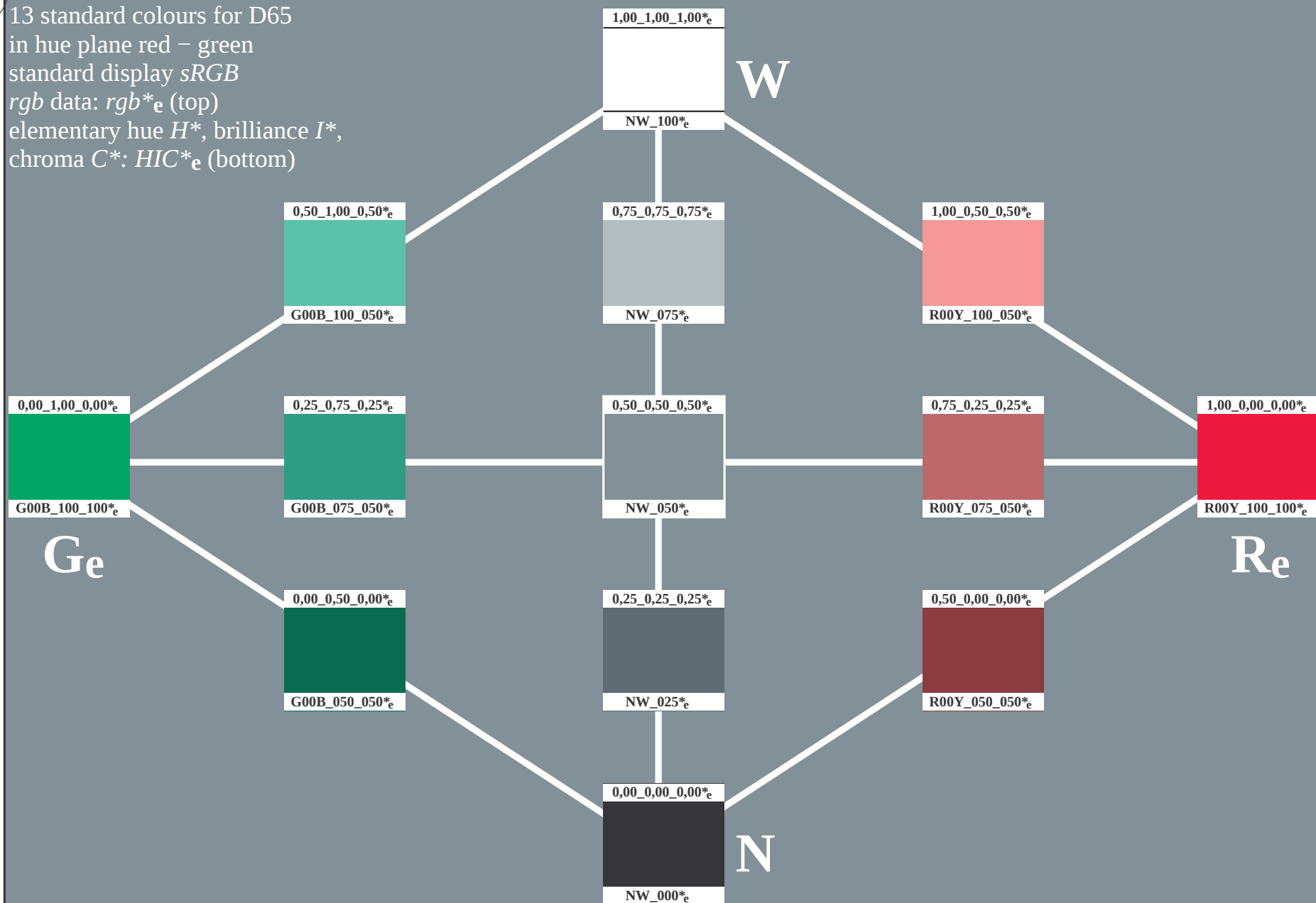
1-113031-L0

PE580-7N

TUB-test chart PE58; hue plane red – green
 13 standard colours for D65

input: *rgb/cmyk* → *rgb/cmyk*
 output: no change

13 standard colours for D65
in hue plane red – green
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)



1-113131-L0

PE580-73

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmy0^*$

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

13 standard colours for D65

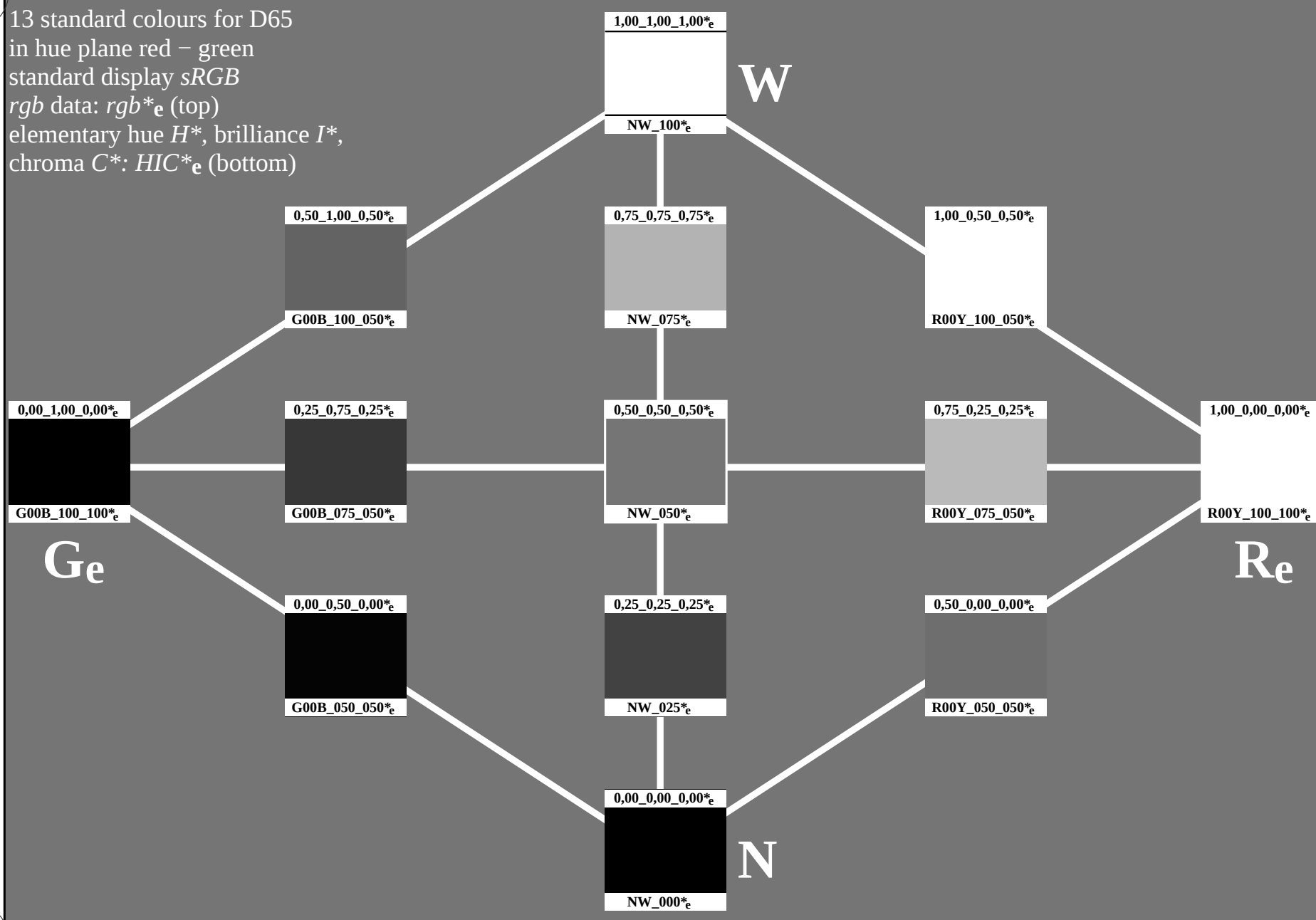
in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

elementary hue H^* , brilliance I^* ,

chroma C^* : HIC^*_e (bottom)



1-113231-L0

PE580-73

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmy0^*$

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

13 standard colours for D65

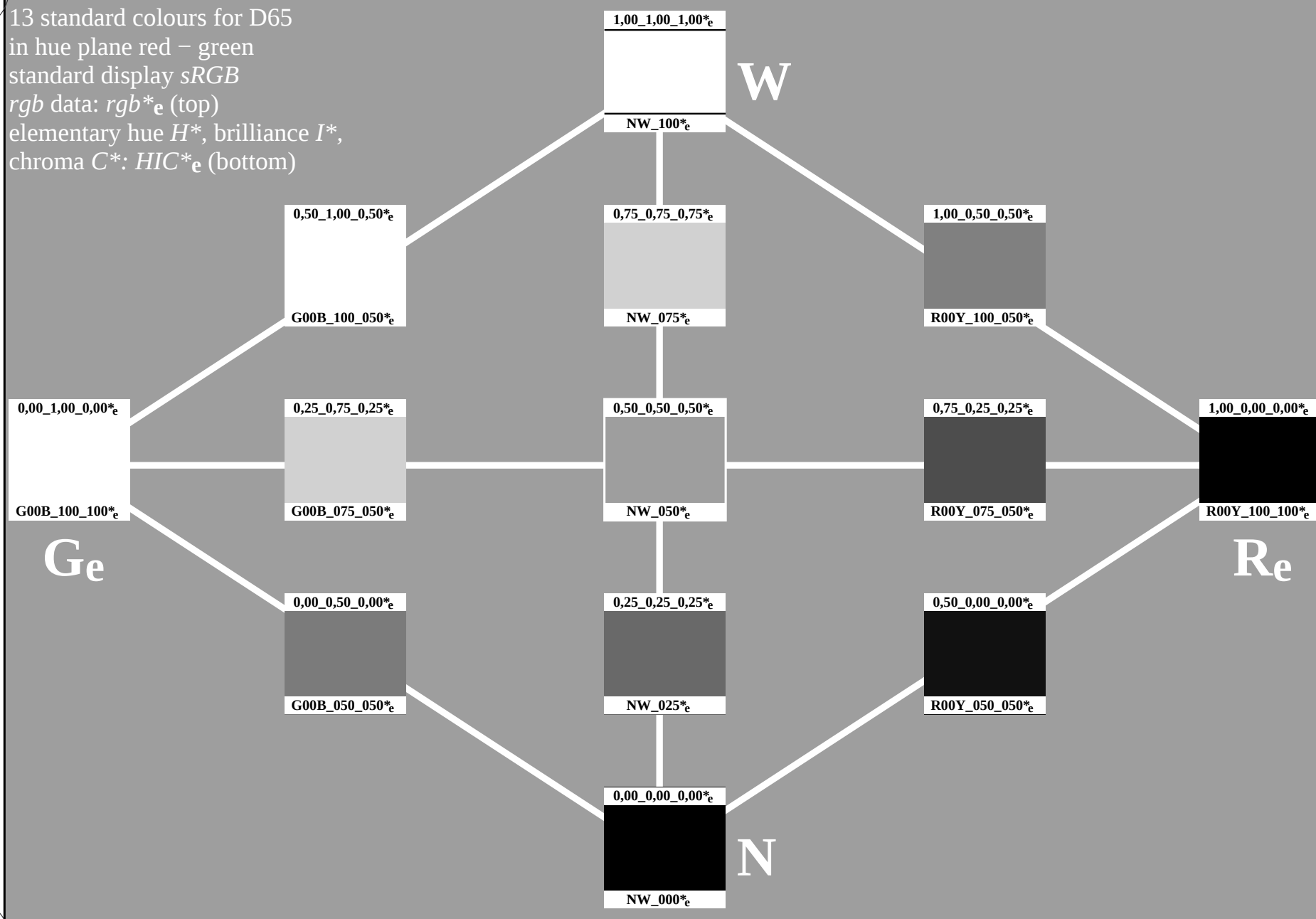
in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

elementary hue H^* , brilliance I^* ,

chroma C^* : HIC^*_e (bottom)



1-113331-L0

PE580-73

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmy0^*$

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

TUB registration: 20150701-PE58/PE58L0FP.PDF /.PS
application for measurement of offset print output, separation $cmy0^*$ (CMY0)

TUB material: code=rha4ta

13 standard colours for D65

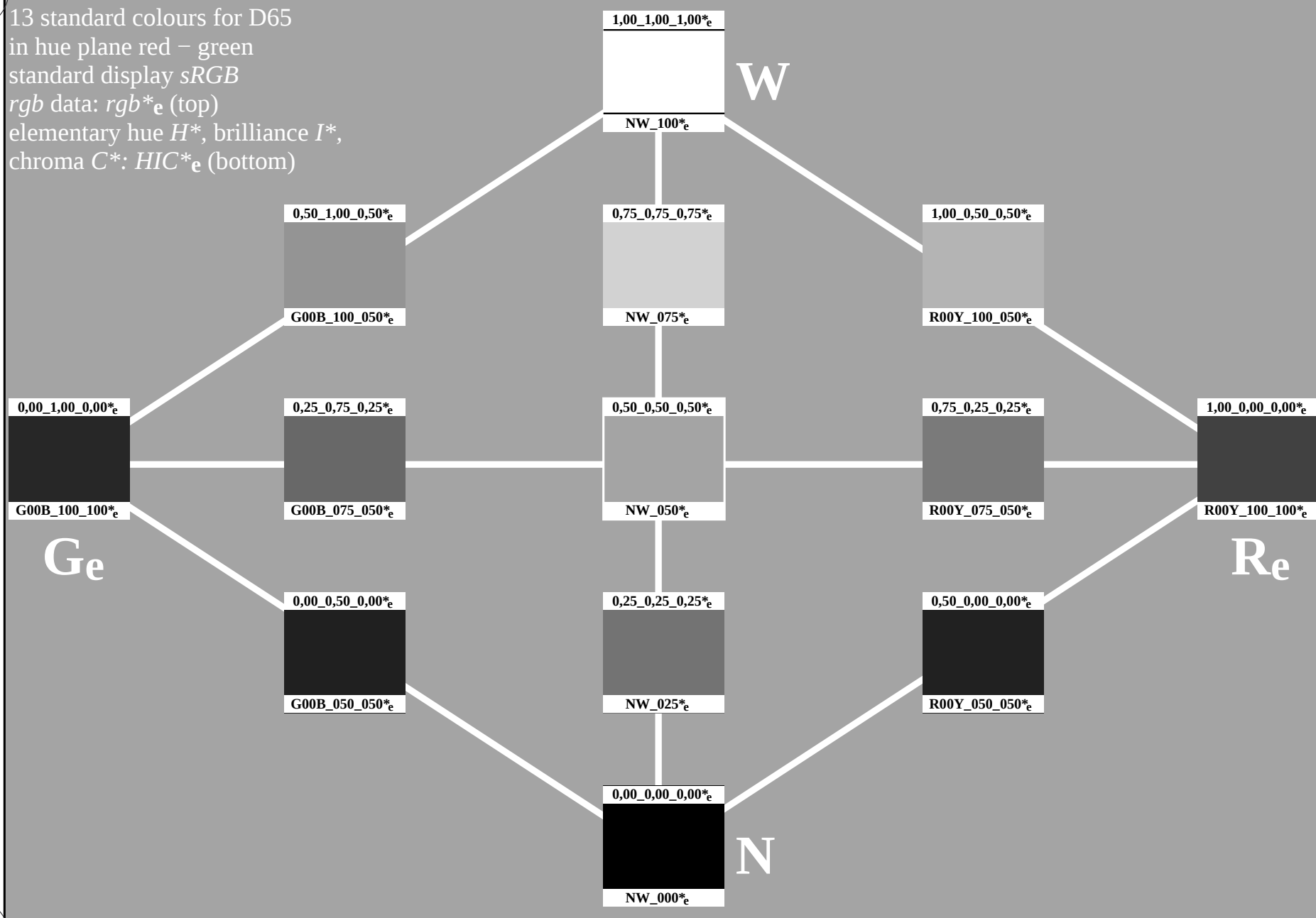
in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

elementary hue H^* , brilliance I^* ,

chroma C^* : HIC^*_e (bottom)

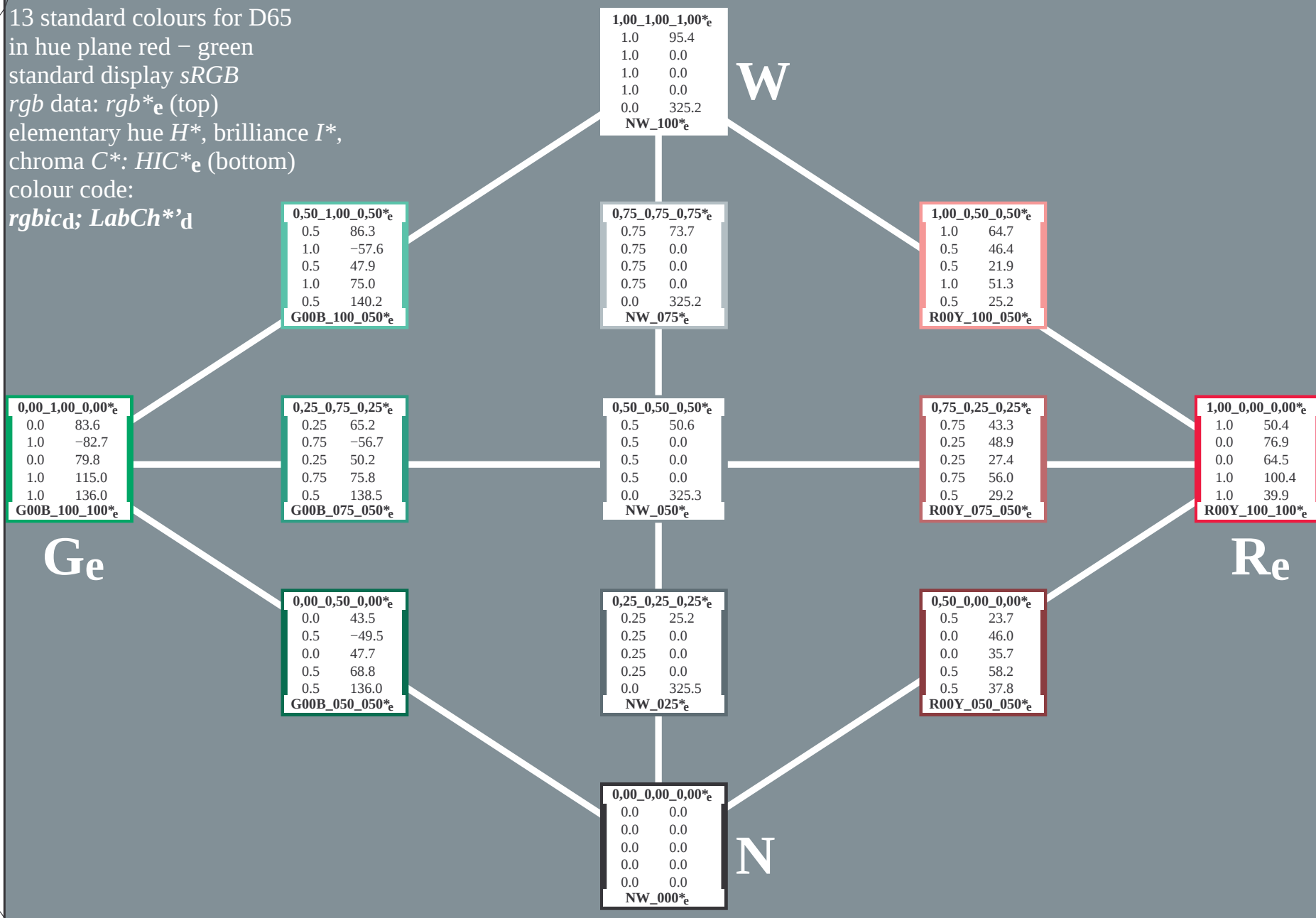


TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmy0^*$

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

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

13 standard colours for D65
in hue plane red – green
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $rgbicd; LabCh^*_d$



13 standard colours for D65
in hue plane red – green
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:

$rgbic^*_de$; $LabCh^*_de$

$0,00_1,00_0,00^*_e$	
0.0	50.6
1.0	-62.1
0.151	19.9
1.0	65.2
1.0	162.2
$G00B_100_100^*_e$	

$0,50_1,00_0,50^*_e$	
0.5	73.1
1.0	-31.0
0.575	9.9
1.0	32.6
0.5	162.2
$G00B_100_050^*_e$	

$0,25_0,75_0,25^*_e$	
0.25	55.3
0.75	-31.0
0.325	9.9
0.75	32.6
0.5	162.2
$G00B_075_050^*_e$	

$0,00_0,50_0,00^*_e$	
0.0	37.5
0.5	-31.0
0.075	9.9
0.5	32.6
0.5	162.2
$G00B_050_050^*_e$	

$1,00_1,00_1,00^*_e$	
1.0	95.6
1.0	0.0
1.0	0.0
1.0	0.0
0.0	0.0
$NW_100^*_e$	

$0,75_0,75_0,75^*_e$	
0.75	77.8
0.75	0.0
0.75	0.0
0.75	0.0
0.0	0.0
$NW_075^*_e$	

$0,50_0,50_0,50^*_e$	
0.5	60.0
0.5	0.0
0.5	0.0
0.5	0.0
0.0	0.0
$NW_050^*_e$	

$0,25_0,25_0,25^*_e$	
0.25	42.1
0.25	0.0
0.25	0.0
0.25	0.0
0.0	0.0
$NW_025^*_e$	

$0,00_0,00_0,00^*_e$	
0.0	24.3
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
$NW_000^*_e$	

W

N

$1,00_0,50_0,50^*_e$	
1.0	70.6
0.5	36.1
0.627	17.2
1.0	40.0
0.5	25.4
$R00Y_100_050^*_e$	

$0,75_0,25_0,25^*_e$	
0.75	52.8
0.25	36.1
0.377	17.2
0.75	40.0
0.5	25.4
$R00Y_075_050^*_e$	

$0,50_0,00_0,00^*_e$	
0.5	35.0
0.0	36.1
0.127	17.2
0.5	40.0
0.5	25.4
$R00Y_050_050^*_e$	

$1,00_0,00_0,00^*_e$	
1.0	45.6
0.0	72.2
0.254	34.4
1.0	80.0
1.0	25.4
$R00Y_100_100^*_e$	

Re

1-113731-L0

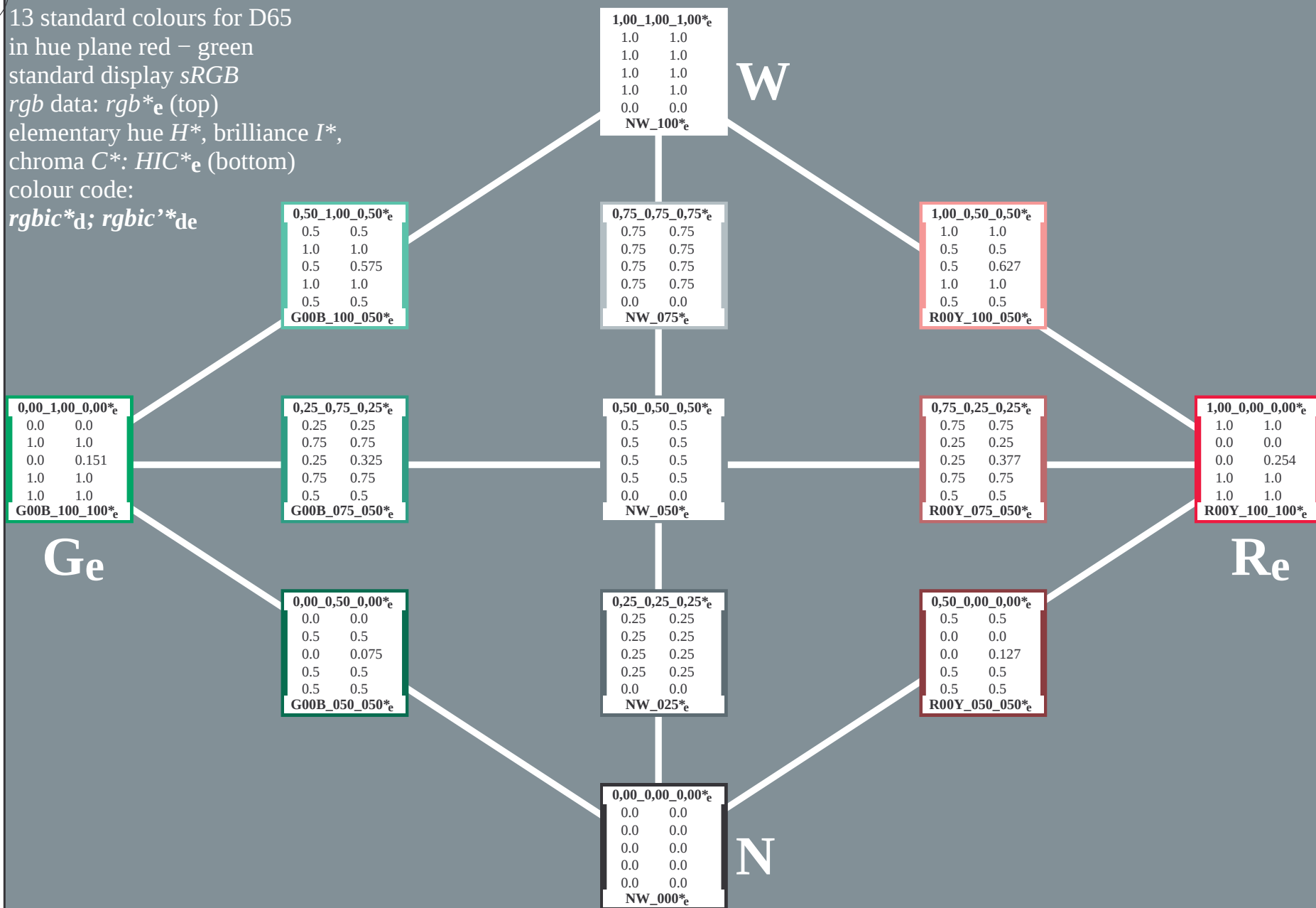
PE580-73

PE4600L_120830.TXT, 1080 colors, Separation $cmY0^*$

TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

13 standard colours for D65
in hue plane red – green
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $rgbic^*_d$; $rgbic'^*_de$



13 standard colours for D65
in hue plane red – green
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:

$LabCh^*_{de}; Lab^*/DE^*/h^*$

$0,50_1,00_0,50^*_e$
73.1 ?
-31.0 ?
9.9 ?
32.6 ?
162.2 ?
 $G00B_100_050^*_e$

$1,00_1,00_1,00^*_e$
95.6 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?
 $NW_100^*_e$

W

$0,75_0,75_0,75^*_e$
77.8 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?
 $NW_075^*_e$

$1,00_0,50_0,50^*_e$
70.6 ?
36.1 ?
17.2 ?
40.0 ?
25.4 ?
 $R00Y_100_050^*_e$

$0,00_1,00_0,00^*_e$
50.6 ?
-62.1 ?
19.9 ?
65.2 ?
162.2 ?
 $G00B_100_100^*_e$

Ge

$0,25_0,75_0,25^*_e$
55.3 ?
-31.0 ?
9.9 ?
32.6 ?
162.2 ?
 $G00B_075_050^*_e$

$0,50_0,50_0,50^*_e$
60.0 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?
 $NW_050^*_e$

$0,75_0,25_0,25^*_e$
52.8 ?
36.1 ?
17.2 ?
40.0 ?
25.4 ?
 $R00Y_075_050^*_e$

$1,00_0,00_0,00^*_e$
45.6 ?
72.2 ?
34.4 ?
80.0 ?
25.4 ?
 $R00Y_100_100^*_e$

Re

$0,00_0,50_0,00^*_e$
37.5 ?
-31.0 ?
9.9 ?
32.6 ?
162.2 ?
 $G00B_050_050^*_e$

$0,25_0,25_0,25^*_e$
42.1 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?
 $NW_025^*_e$

$0,50_0,00_0,00^*_e$
35.0 ?
36.1 ?
17.2 ?
40.0 ?
25.4 ?
 $R00Y_050_050^*_e$

$0,00_0,00_0,00^*_e$
24.3 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?
 $NW_000^*_e$

N

1-113931-L0

PE580-73

PE4600L_120830.TXT, 1080 colors, Separation $cmY0^*$

TUB-test chart PE58; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, $cmY0^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

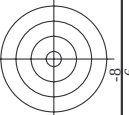
<http://130.149.60.45/~farbmatrik/PE58/PE58L0FP.PDF> /PS; 3D-linearization
F: 3D-linearization PE58/PE58LE30FP.DAT in file (F), page 11/26

PE580-7N Page 11/26-F

input: *rgb/cmyk* -> *rgbde*
 output: 3D-linearization to *cmv0**^{de}

[illegible]

n/f	HC*File	rgb_file	icr_file	hsa_file	rgb_file	LabCH*File	cmy0*_sep.File	cmyn*_sep.File	delta	hsa.de	rgb*.de	LabCH*.de	cmyn*_sep.File	cmyn*_sep.File	delta
0/648	R25Y_100_100de	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100de	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2/684	R50Y_100_100de	1.0	0.5	4.0	1.0	0.166	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3/702	R75Y_100_100de	1.0	0.5	6.0	1.0	0.398	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4/720	Y00C_100_100de	1.0	0.5	7.0	1.0	0.604	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5/558	Y25C_100_100de	0.75	1.0	0.0	1.0	0.878	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6/396	Y50C_100_100de	0.5	1.0	0.0	1.0	0.878	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7/234	Y75C_100_100de	0.25	1.0	0.0	1.0	0.878	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8/72	G00B_100_100de	0.0	1.0	0.0	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9/72	G25B_100_100de	0.0	1.0	0.5	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10/76	G50B_100_100de	0.0	1.0	0.5	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11/84	G75B_100_100de	0.0	1.0	0.5	1.0	0.151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12/440	B00R_100_100de	0.0	1.0	0.5	2.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13/8	B25R_100_100de	0.0	1.0	0.5	2.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14/332	B50R_100_100de	0.5	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15/656	B75R_100_100de	1.0	0.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16/656	B50R_100_100de	1.0	0.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17/648	R00Y_100_100de	1.0	0.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18/608	R00Y_100_100de	1.0	0.5	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19/768	R25Y_100_100de	1.0	0.5	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20/724	Y00C_100_100de	0.75	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21/560	G00B_100_100de	0.0	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22/440	B00R_100_100de	0.0	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23/440	B25R_100_100de	0.0	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24/368	B50R_100_100de	0.5	1.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25/692	B75R_100_100de	1.0	0.0	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26/688	R00Y_100_100de	1.0	0.5	0.5	3.0	0.846	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27/506	R00Y_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28/524	R50Y_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29/542	Y00C_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30/380	Y50C_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31/218	G00B_075_050de	0.25	0.75	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32/222	G50B_075_050de	0.25	0.75	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33/186	B00R_075_050de	0.25	0.75	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34/510	B50R_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35/506	R00Y_075_050de	0.75	0.25	0.5	0.5	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36/324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37/342	R50Y_050_050de	0.5	0.0	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38/360	Y00C_050_050de	0.5	0.0	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39/198	Y50C_050_050de	0.25	0.5	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40/36	G00B_050_050de	0.0	0.5	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41/40	G50B_050_050de	0.0	0.5	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42/4	B00R_050_050de	0.0	0.5	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43/324	B50R_050_050de	0.5	0.0	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44/324	R00Y_050_050de	0.5	0.0	0.0	0.5	0.127	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45/0	NW_000de	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46/91	NW_015de	0.125	0.125	0.125	0.125	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47/182	NW_025de	0.25	0.25	0.25	0.25	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48/273	NW_035de	0.375	0.375	0.375	0.375	0.375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49/364	NW_050de	0.5	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50/455	NW_065de	0.625	0.625	0.625	0.625	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51/546	NW_080de	0.75	0.75	0.75	0.75	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52/637	NW_100de	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53/728	NW_100de	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TUB material: code=rha4ta
ny0* (CMY0)

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

TUB-test chart PE58; hue plane red – green

$n-j$	HIC* r_{Fid}	rgb_{Fid}	lcr_{Fid}	$h_{\text{a}}_{\text{Fid}}$	rgb^*_{Fid}	$LabCh^*r_{\text{Fid}}$	$cmym^*_{\text{sepFid}}$	$h_{\text{sat}}_{\text{Fid}}$	rgb^*_{Wide}	$LabCh^*_{\text{Wide}}$	$delta$
0	NW_000 $_{\text{Fid}}$	00	0.0	360	00	0.0	0.0	0.0	1.0	0.0	0.0
1	BW0R_012_012 $_{\text{Fid}}$	00	0.125	0.062	270	00	0.057	24.3	0.1	26.3	0.0
2	BW0R_025_025 $_{\text{Fid}}$	00	0.25	0.125	270	00	0.114	0.25	0.3	30.3	0.4
3	BW0R_037_037 $_{\text{Fid}}$	00	0.375	0.187	270	00	0.171	0.375	0.3	34.3	0.6
4	BW0R_050_050 $_{\text{Fid}}$	00	0.5	0.25	270	00	0.229	0.5	0.6	38.2	0.9
5	BW0R_062_062 $_{\text{Fid}}$	00	0.625	0.312	270	00	0.286	0.625	0.9	42.9	1.2
6	BW0R_075_075 $_{\text{Fid}}$	00	0.75	0.375	270	00	0.343	0.75	36.2	47.6	1.5
7	BW0R_087_087 $_{\text{Fid}}$	00	0.875	0.437	270	00	0.4	0.875	38.2	52.3	1.8
8	BW0R_100_100 $_{\text{Fid}}$	00	1.0	0.5	270	00	0.458	1.0	40.2	57.0	2.1
9	G00B_012_012 $_{\text{Fid}}$	00	0.125	0.062	150	00	0.125	0.018	27.6	62.1	0.0
10	G50B_012_012 $_{\text{Fid}}$	00	0.125	0.062	210	00	0.125	0.093	38.6	67.7	0.0
11	G75B_025_025 $_{\text{Fid}}$	00	0.25	0.125	240	00	0.211	0.25	31.6	72.4	0.0
12	G84B_037_037 $_{\text{Fid}}$	00	0.375	0.187	251	00	0.25	0.375	33.1	77.1	0.0
13	G88B_050_050 $_{\text{Fid}}$	00	0.5	0.25	256	00	0.301	0.5	35.0	81.9	0.0
14	G90B_062_062 $_{\text{Fid}}$	00	0.625	0.312	259	00	0.357	0.625	36.9	86.6	0.0
15	G92B_075_075 $_{\text{Fid}}$	00	0.75	0.375	261	00	0.414	0.75	38.9	91.4	0.0
16	G93B_087_087 $_{\text{Fid}}$	00	0.875	0.437	262	00	0.474	0.875	40.9	96.1	0.0
17	G94B_100_100 $_{\text{Fid}}$	00	1.0	0.5	263	00	0.532	1.0	42.9	100.8	0.0
18	G20B_025_025 $_{\text{Fid}}$	00	0.25	0.125	150	00	0.25	0.037	30.9	105.5	0.0
19	G25B_025_025 $_{\text{Fid}}$	00	0.25	0.125	180	00	0.25	0.125	31.5	110.2	0.0
20	G50B_025_025 $_{\text{Fid}}$	00	0.25	0.125	210	00	0.25	0.186	32.0	114.9	0.0
21	G65B_037_037 $_{\text{Fid}}$	00	0.375	0.187	229	00	0.375	0.355	36.3	119.6	0.0
22	G75B_050_050 $_{\text{Fid}}$	00	0.5	0.25	240	00	0.423	0.5	38.8	124.3	0.0
23	G80B_062_062 $_{\text{Fid}}$	00	0.625	0.312	247	00	0.453	0.625	40.2	129.0	0.0
24	G84B_075_075 $_{\text{Fid}}$	00	0.75	0.375	254	00	0.5	0.75	41.9	133.7	0.0
25	G86B_087_087 $_{\text{Fid}}$	00	0.875	0.437	251	00	0.545	0.875	43.7	138.4	0.0
26	G88B_100_100 $_{\text{Fid}}$	00	1.0	0.5	256	00	0.602	1.0	45.6	143.1	0.0
27	G15B_037_037 $_{\text{Fid}}$	00	0.375	0.187	150	00	0.375	0.056	34.2	147.8	0.0
28	G43B_037_037 $_{\text{Fid}}$	00	0.375	0.187	191	00	0.375	0.151	34.8	152.5	0.0
29	G40B_050_050 $_{\text{Fid}}$	00	0.5	0.25	201	00	0.423	0.5	36.8	157.2	0.0
30	G60B_062_062 $_{\text{Fid}}$	00	0.625	0.312	210	00	0.474	0.625	38.8	161.9	0.0
31	G68B_075_075 $_{\text{Fid}}$	00	0.75	0.375	213	00	0.532	0.75	40.9	166.6	0.0
32	G68B_087_087 $_{\text{Fid}}$	00	0.875	0.437	214	00	0.590	0.875	43.0	171.3	0.0
33	G75B_075_075 $_{\text{Fid}}$	00	0.75	0.375	240	00	0.634	0.75	46.0	176.0	0.0
34	G75B_087_087 $_{\text{Fid}}$	00	0.875	0.437	245	00	0.692	0.875	47.3	180.7	0.0
35	G81B_100_100 $_{\text{Fid}}$	00	0.5	0.25	248	00	0.711	1.0	49.2	185.4	0.0
36	G00B_050_050 $_{\text{Fid}}$	00	0.5	0.25	150	00	0.5	0.075	37.5	190.1	0.0
37	G11B_050_050 $_{\text{Fid}}$	00	0.5	0.25	164	00	0.5	0.175	38.1	194.8	0.0
38	G25B_050_050 $_{\text{Fid}}$	00	0.5	0.25	180	00	0.5	0.251	38.6	199.5	0.0
39	G38B_050_050 $_{\text{Fid}}$	00	0.5	0.25	196	00	0.5	0.316	39.2	204.2	0.0
40	G50B_050_050 $_{\text{Fid}}$	00	0.5	0.25	210	00	0.5	0.373	39.7	208.9	0.0
41	G58B_062_062 $_{\text{Fid}}$	00	0.625	0.312	221	00	0.625	0.537	44.0	213.6	0.0
42	G65B_075_075 $_{\text{Fid}}$	00	0.75	0.375	229	00	0.75	0.711	48.4	218.3	0.0
43	G70B_087_087 $_{\text{Fid}}$	00	0.875	0.437	235	00	0.841	0.875	53.0	223.0	0.0
44	G75B_100_100 $_{\text{Fid}}$	00	0.5	0.25	240	00	0.846	1.0	52.3	227.7	0.0
45	G00B_062_062 $_{\text{Fid}}$	00	0.625	0.312	150	00	0.625	0.094	40.8	232.4	0.0
46	G09B_062_062 $_{\text{Fid}}$	00	0.625	0.312	161	00	0.625	0.195	41.4	237.1	0.0
47	G19B_062_062 $_{\text{Fid}}$	00	0.625	0.312	173	00	0.625	0.274	41.9	241.8	0.0
48	G30B_062_062 $_{\text{Fid}}$	00	0.625	0.312	187	00	0.625	0.349	42.5	246.5	0.0
49	G40B_062_062 $_{\text{Fid}}$	00	0.625	0.312	199	00	0.625	0.411	43.0	251.2	0.0
50	G40B_062_062 $_{\text{Fid}}$	00	0.625	0.312	210	00	0.625	0.467	43.5	255.9	0.0
51	G57B_075_075 $_{\text{Fid}}$	00	0.75	0.375	219	00	0.75	0.629	47.8	260.6	0.0
52	G63B_087_087 $_{\text{Fid}}$	00	0.875	0.437	226	00	0.875	0.8	52.2	265.3	0.0
53	G68B_100_100 $_{\text{Fid}}$	00	0.625	0.312	230	00	1.0	0.982	56.6	270.0	0.0
54	G00B_075_075 $_{\text{Fid}}$	00	0.75	0.375	150	00	0.75	0.113	44.1	274.7	0.0
55	G07B_075_075 $_{\text{Fid}}$	00	0.75	0.375	159	00	0.75	0.202	45.2	279.4	0.0
56	G15B_075_075 $_{\text{Fid}}$	00	0.75	0.375	169	00	0.75	0.375	45.8	284.1	0.0
57	G25B_075_075 $_{\text{Fid}}$	00	0.75	0.375	180	00	0.75	0.376	46.4	288.8	0.0
58	G34B_075_075 $_{\text{Fid}}$	00	0.75	0.375	191	00	0.75	0.444	46.4	293.5	0.0
59	G42B_075_075 $_{\text{Fid}}$	00	0.75	0.375	201	00	0.75	0.505	46.9	298.2	0.0
60	G40B_075_075 $_{\text{Fid}}$	00	0.75	0.375	210	00	0.75	0.562	47.3	302.9	0.0
61	G56B_087_087 $_{\text{Fid}}$	00	0.875	0.437	218	00	0.875	0.725	51.6	307.6	0.0
62	G61B_100_100 $_{\text{Fid}}$	00	0.75	0.375	224	00	1.0	0.892	56.0	312.3	0.0
63	G00B_087_087 $_{\text{Fid}}$	00	0.875	0.437	150	00	0.875	0.132	47.3	317.0	0.0
64	G06B_087_087 $_{\text{Fid}}$	00	0.875	0.437	158	00	0.875	0.239	48.0	321.7	0.0
65	G13B_087_087 $_{\text{Fid}}$	00	0.875	0.437	166	00	0.875	0.329	48.5	326.4	0.0
66	G20B_087_087 $_{\text{Fid}}$	00	0.875	0.437	175	00	0.875	0.4	49.1	331.1	0.0
67	G29B_087_087 $_{\text{Fid}}$	00	0.875	0.437	185	00	0.875	0.475	49.9	335.8	0.0
68	G36B_087_087 $_{\text{Fid}}$	00	0.875	0.437	194	00	0.875	0.54	50.2	340.5	0.0
69	G43B_087_087 $_{\text{Fid}}$	00	0.875	0.437	202	00	0.875	0.597	50.7	345.2	0.0
70	G50B_087_087 $_{\text{Fid}}$	00	0.875	0.437	210	00	0.875	0.653	51.1	349.9	0.0
71	G55B_100_100 $_{\text{Fid}}$	00	1.0	0.5	217	00	1.0	0.818	55.5	354.6	0.0
72	G58B_100_100 $_{\text{Fid}}$	00	1.0	0.5	150	00	1.0	0.151	50.6	359.3	0.0
73	G58B_100_100 $_{\text{Fid}}$	00	1.0	0.5	157	00	1.0	0.261	51.3	364.0	0.0
74	G11B_100_100 $_{\text{Fid}}$	00	1.0	0.5	164	00	1.0	0.35	51.8	368.7	0.0
75	G18B_100_100 $_{\text{Fid}}$	00	1.0	0.5	172	00	1.0	0.462	52.4	373.4	0.0
76	G21B_100_100 $_{\text{Fid}}$	00	1.0	0.5	180	00	1.0	0.502	53.0	378.1	0.0
77	G31B_100_100 $_{\text{Fid}}$	00	1.0	0.5	189	00	1.0	0.602	53.0	382.8	0.0
78	G38B_100_100 $_{\text{Fid}}$	00	1.0	0.5	196	00	1.0	0.658	53.1	387.5	0.0
79	G44B_100_100 $_{\text{Fid}}$	00	1.0	0.5	203	00	1.0	0.693	54.5	392.2	0.0
80	G50B_100_100 $_{\text{Fid}}$	00	1.0	0.5	210	00	1.0	0.747	55.0	396.9	0.0

delta

PE4600I. 120830 TXT. 1080 colors. Separation cmy0*

input: `rgb/cmyk` -> `rgb`_{de}

output: 3D-linearization to $cmy0^*$ de

pE580-7N, Page 13/26-F

TUB-test chart PE58; hue plane red – green

colors and differences, ΔE^* , 3D=1, de=1, cmy0*

1-1131231-F0

see similar files: <http://130.149.60.45/~farbmetrik/PE58/PE58.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>



TUB material: code=rha4ta
ny0* (CMY0)

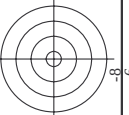
input: *rgb/cmyk* $\rightarrow$ *rgbde*
output: 3D-linearization to

<i>n</i>	<i>HIC[°]F_{ide}</i>	<i>rgb[°]F_{ide}</i>	<i>lcr[°]F_{ide}</i>	<i>h₂[°]F_{ide}</i>	<i>rgb[°]F_{ide}</i>	<i>LatCh[°]F_{ide}</i>	<i>cmv[°]sp[°]F_{ide}</i>	<i>h₂in[°]F_{ide}</i>	<i>rgb[°]F_{ide}</i>	<i>LatCh[°]F_{ide}</i>	<i>delta</i>
243	R00Y_037_037 _{ide}	0.375	0.0	0.375	0.375	0.187	390	375	1.0	0.0	25.4
244	R18Y_037_037 _{ide}	0.375	0.0	0.125	0.375	0.187	371	375	0.921	0.895	0.0
245	B65R_037_037 _{ide}	0.375	0.0	0.125	0.375	0.187	349	306	0.671	0.921	0.0
246	B50R_037_037 _{ide}	0.375	0.0	0.375	0.375	0.187	330	288	0.921	0.953	0.0
247	B38R_050_050 _{ide}	0.375	0.0	0.5	0.5	0.25	316	277	0.887	0.986	0.0
248	B38R_062_062 _{ide}	0.375	0.0	0.625	0.625	0.312	307	270	0.924	0.993	0.0
249	B25R_075_075 _{ide}	0.375	0.0	0.75	0.75	0.375	295	264	0.984	0.924	0.0
250	B20R_087_087 _{ide}	0.375	0.0	0.875	0.875	0.437	295	258	0.984	0.924	0.0
251	B18R_100_100 _{ide}	0.375	0.0	1.0	1.0	0.5	292	243	0.984	0.924	0.0
252	R31Y_037_037 _{ide}	0.375	0.125	0.375	0.375	0.187	49	235	0.984	0.924	0.0
253	R00Y_037_025 _{ide}	0.375	0.125	0.375	0.25	0.25	390	375	0.984	0.924	0.0
254	R00Y_037_025 _{ide}	0.375	0.125	0.375	0.25	0.25	360	375	0.984	0.924	0.0
255	B50R_037_025 _{ide}	0.375	0.125	0.375	0.25	0.25	340	288	0.984	0.924	0.0
256	B34R_050_037 _{ide}	0.375	0.125	0.5	0.5	0.375	312	273	0.984	0.924	0.0
257	B25R_062_050 _{ide}	0.375	0.125	0.625	0.625	0.375	300	264	0.984	0.924	0.0
258	B18R_075_062 _{ide}	0.375	0.125	0.75	0.75	0.437	293	259	0.984	0.924	0.0
259	B15R_087_075 _{ide}	0.375	0.125	0.875	0.875	0.5	289	256	0.984	0.924	0.0
260	B68R_037_075 _{ide}	0.375	0.125	1.0	1.0	0.625	266	234	0.984	0.924	0.0
261	R00Y_037_012 _{ide}	0.375	0.125	0.375	0.25	0.25	390	375	0.984	0.924	0.0
262	R00Y_037_012 _{ide}	0.375	0.125	0.375	0.25	0.25	360	268	0.984	0.924	0.0
263	B50R_037_012 _{ide}	0.375	0.125	0.375	0.25	0.25	330	264	0.984	0.924	0.0
264	B50R_037_012 _{ide}	0.375	0.125	0.375	0.25	0.25	300	264	0.984	0.924	0.0
265	B25R_050_025 _{ide}	0.375	0.25	0.5	0.5	0.375	300	256	0.984	0.924	0.0
266	B11R_075_050 _{ide}	0.375	0.25	0.75	0.75	0.5	284	252	0.984	0.924	0.0
267	B11R_075_050 _{ide}	0.375	0.25	0.75	0.75	0.5	267	250	0.984	0.924	0.0
268	B09R_087_062 _{ide}	0.375	0.25	0.875	0.875	0.625	281	249	0.984	0.924	0.0
269	B07R_100_075 _{ide}	0.375	0.25	1.0	1.0	0.75	262	249	0.984	0.924	0.0
270	Y00G_037_037 _{ide}	0.375	0.375	0.125	0.375	0.187	90	83	0.984	0.924	0.0
271	Y00G_037_037 _{ide}	0.375	0.375	0.125	0.375	0.187	90	83	0.984	0.924	0.0
272	Y00G_037_012 _{ide}	0.375	0.375	0.125	0.375	0.187	90	83	0.984	0.924	0.0
273	NW_037 _{ide}	0.375	0.375	0.375	0.375	0.375	360	360	0.984	0.924	0.0
274	B00R_050_012 _{ide}	0.375	0.375	0.5	0.5	0.125	437	242	0.984	0.924	0.0
275	B00R_062_025 _{ide}	0.375	0.375	0.625	0.625	0.25	405	242	0.984	0.924	0.0
276	B00R_077_037 _{ide}	0.375	0.375	0.75	0.75	0.375	405	242	0.984	0.924	0.0
277	B00R_087_050 _{ide}	0.375	0.375	0.875	0.875	0.5	405	242	0.984	0.924	0.0
278	B00R_100_062 _{ide}	0.375	0.375	1.0	1.0	0.625	405	242	0.984	0.924	0.0
279	Y23G_050_050 _{ide}	0.375	0.5	0.5	0.5	0.25	104	113	0.984	0.924	0.0
280	Y31G_050_037 _{ide}	0.375	0.5	0.375	0.312	0.125	109	120	0.984	0.924	0.0
281	Y50G_050_025 _{ide}	0.375	0.5	0.25	0.25	0.375	120	131	0.984	0.924	0.0
282	G00B_050_012 _{ide}	0.375	0.5	0.125	0.437	0.150	210	158	0.984	0.924	0.0
283	G50B_050_012 _{ide}	0.375	0.5	0.125	0.437	0.150	210	158	0.984	0.924	0.0
284	G75B_062_025 _{ide}	0.375	0.5	0.625	0.625	0.25	0.5	195	0.984	0.924	0.0
285	G84B_075_037 _{ide}	0.375	0.5	0.75	0.75	0.562	251	218	0.984	0.924	0.0
286	G88B_087_050 _{ide}	0.375	0.5	0.875	0.875	0.5	256	233	0.984	0.924	0.0
287	G90B_100_062 _{ide}	0.375	0.5	1.0	1.0	0.625	259	235	0.984	0.924	0.0
288	Y38G_062_062 _{ide}	0.375	0.625	0.125	0.625	0.312	113	125	0.984	0.924	0.0
289	Y50G_062_050 _{ide}	0.375	0.625	0.125	0.625	0.312	120	131	0.984	0.924	0.0
290	G00B_062_025 _{ide}	0.375	0.625	0.375	0.625	0.25	131	139	0.984	0.924	0.0
291	G00B_062_025 _{ide}	0.375	0.625	0.375	0.625	0.25	130	138	0.984	0.924	0.0
292	G00B_062_025 _{ide}	0.375	0.625	0.375	0.625	0.25	130	138	0.984	0.924	0.0
293	G00B_062_025 _{ide}	0.375	0.625	0.375	0.625	0.25	130	138	0.984	0.924	0.0
294	G50B_075_037 _{ide}	0.375	0.625	0.75	0.75	0.562	229	207	0.984	0.924	0.0
295	G50B_075_037 _{ide}	0.375	0.625	0.75	0.75	0.562	229	207	0.984	0.924	0.0
296	G75B_087_062 _{ide}	0.375	0.625	0.875	0.875	0.5	245	218	0.984	0.924	0.0
297	G80B_100_062 _{ide}	0.375	0.625	1.0	1.0	0.625	247	225	0.984	0.924	0.0
298	Y50G_075_062 _{ide}	0.375	0.75	0.125	0.75	0.437	127	131	0.984	0.924	0.0
299	Y66G_075_050 _{ide}	0.375	0.75	0.25	0.75	0.5	136	136	0.984	0.924	0.0
300	G00B_075_037 _{ide}	0.375	0.75	0.375	0.75	0.562	150	144	0.984	0.924	0.0
301	G15B_075_037 _{ide}	0.375	0.75	0.375	0.75	0.562	169	158	0.984	0.924	0.0
302	G34B_075_037 _{ide}	0.375	0.75	0.625	0.75	0.562	191	186	0.984	0.924	0.0
303	G50B_075_037 _{ide}	0.375	0.75	0.75	0.75	0.562	210	195	0.984	0.924	0.0
304	G61B_087_050 _{ide}	0.375	0.75	0.875	0.875	0.5	224	204	0.984	0.924	0.0
305	G68B_087_087 _{ide}	0.375	0.75	1.0	1.0	0.625	224	209	0.984	0.924	0.0
306	Y38G_087_087 _{ide}	0.375	0.75	0.875	0.875	0.437	123	134	0.984	0.924	0.0
307	Y66G_087_075 _{ide}	0.375	0.75	0.875	0.875	0.5	131	139	0.984	0.924	0.0
308	Y81G_087_062 _{ide}	0.375	0.75	0.875	0.875	0.562	139	146	0.984	0.924	0.0
309	G00B_087_050 _{ide}	0.375	0.875	0.375	0.875	0.5	150	146	0.984	0.924	0.0
310	G11B_087_050 _{ide}	0.375	0.875	0.5	0.875	0.5	164	158	0.984	0.924	0.0
311	G25B_087_050 _{ide}	0.375	0.875	0.625	0.875	0.5	186	180	0.984	0.924	0.0
312	G38B_087_050 _{ide}	0.375	0.875	0.75	0.875	0.5	196	188	0.984	0.924	0.0
313	G50B_087_050 _{ide}	0.375	0.875	0.875	0.875	0.5	210	195	0.984	0.924	0.0
314	G59B_100_062 _{ide}	0.375	0.875	1.0	1.0	0.625	221	202	0.984	0.924	0.0
315	Y37G_100_062 _{ide}	0.375	1.0	0.5	1.0	0.5	128	137	0.984	0.924	0.0
316	Y63G_100_087 _{ide}	0.375	1.0	0.125	1.0	0.875	134	142	0.984	0.924	0.0
317	Y85G_100_075 _{ide}	0.375	1.0	0.25	1.0	0.75	140	147	0.984	0.924	0.0
318	G00B_100_062 _{ide}	0.375	1.0	0.375	1.0	0.625	150	158	0.984	0.924	0.0
319	G09B_100_062 _{ide}	0.375	1.0	0.5	1.0	0.625	161	167	0.984	0.924	0.0
320	G19B_100_062 _{ide}	0.375	1.0	0.625	1.0	0.625	173	175	0.984	0.924	0.0
321	G40B_100_062 _{ide}	0.375	1.0	0.75	1.0	0.625	189	183	0.984	0.924	0.0
322	G40B_100_062 _{ide}	0.375	1.0	0.875	1.0	0.625	199	190	0.984	0.924	0.0
323	G50B_100_062 _{ide}	0.375	1.0	1.0	1.0	0.625	210	195	0.984	0.924	0.0

1-1131531-E0

DE 580-7N Page 16/26-F

[illegible]



TUB material: code=rha4ta
ny0* (CMY0)

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

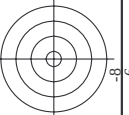
PF4600L 120830.TXT. 1080 colors. Separation cmv0*

1-1131631-F0

PE580-7N, Page 17/26-F

PF4600L 120830.TXT. 1080 colors. Separation cmv0*

[illegible]



TUB material: code=rha4ta
ny0* (CMY0)

TTUB-test chart PE58; hue plane red – green
colors and differences, ΔE^* , 3D=1, de=1, cmY0*

1-1131731-E0

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

n	HIC [†] Rate	rgb [†] Rate	ict [†] Rate	hsa [†] Rate	rgb [†] Rate	LabCH [†] Rate	cmym [†] Rate	hsa [†] Rate	rgb [†] Rate	LabCH [†] Rate	delta												
											cmym [†] Rate	hsa [†] Rate	rgb [†] Rate	LabCH [†] Rate	cmym [†] Rate	hsa [†] Rate	rgb [†] Rate	LabCH [†] Rate	cmym [†] Rate	hsa [†] Rate	rgb [†] Rate	LabCH [†] Rate	
405	R00Y_062_062de	0.625	0.0	0.625	0.0	0.159	37.6	45.1	21.5	50.0	25.4	0.851	0.0	0.94	0.851	0.0	0.254	45.6	72.2	34.4	80.0	25.4	
406	R31Y_062_062de	0.625	0.0	0.625	0.0	0.356	46.9	46.9	11.5	48.2	13.2	0.447	0.937	0.634	0.0	0.57	45.0	75.0	17.6	77.1	13.2	80.0	
407	R11Y_062_062de	0.625	0.0	0.625	0.0	0.624	37.9	49.5	-0.1	49.5	359.8	0.456	0.941	0.426	0.0	0.999	46.1	79.3	-0.1	79.3	359.8	80.0	
408	B69R_062_062de	0.625	0.0	0.625	0.0	0.624	42.8	47.2	43.4	350.4	0.601	0.958	0.4	0.692	0.0	1.0	40.0	68.5	-11.5	69.4	350.4	80.0	
409	B59R_062_062de	0.625	0.0	0.625	0.0	0.624	31.0	35.7	-13.7	38.3	339.0	0.697	0.97	0.377	0.0	1.0	35.0	57.2	-21.9	61.3	339.0	80.0	
410	B50R_062_062de	0.625	0.0	0.625	0.0	0.624	28.5	29.8	-18.2	34.9	328.6	0.781	0.984	0.373	0.0	1.0	31.1	47.7	-29.1	55.9	328.6	80.0	
411	B42R_075_075de	0.625	0.0	0.625	0.0	0.624	39.4	32.0	-25.3	39.4	320.0	0.848	1.0	0.269	0.0	1.0	28.6	40.3	-33.7	52.6	320.0	80.0	
412	B36R_087_087de	0.625	0.0	0.625	0.0	0.624	44.7	31.3	44.7	313.4	0.841	0.994	0.135	0.106	0.0	1.0	27.4	35.1	-37.0	51.0	313.4	80.0	
413	B31R_100_100de	0.625	0.0	0.625	0.0	0.624	30.7	30.7	-39.7	50.3	307.7	0.977	0.999	0.0	0.771	0.022	0.0	25.5	30.7	-39.7	50.3	307.7	
414	R18Y_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	39.5	39.6	30.0	37.7	0.442	0.865	1.0	0.36	1.0	0.115	40.6	63.4	49.1	80.2	37.7	
415	R00Y_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.418	0.79	0.65	1.0	0.0	0.657	45.6	72.2	34.4	80.0	25.4	
416	R26Y_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.418	0.79	0.65	1.0	0.0	0.657	45.6	72.2	34.4	80.0	25.4	
417	R00Y_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.418	0.79	0.65	1.0	0.0	0.657	45.6	72.2	34.4	80.0	25.4	
418	B61R_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.418	0.79	0.65	1.0	0.0	0.657	45.6	72.2	34.4	80.0	25.4	
419	B40R_075_062de	0.625	0.0	0.625	0.0	0.625	0.0	35.7	35.7	24.2	-21.7	32.5	318.1	0.804	0.334	0.0	0.311	47.7	-29.1	55.9	328.6	80.0	
420	B40R_075_062de	0.625	0.0	0.625	0.0	0.625	0.0	35.7	35.7	24.2	-21.7	32.5	318.1	0.804	0.334	0.0	0.311	47.7	-29.1	55.9	328.6	80.0	
421	B34R_087_075de	0.625	0.0	0.625	0.0	0.625	0.0	34.9	24.7	-38.8	38.0	310.5	0.792	0.811	0.116	0.0	0.064	0.0	26.5	32.9	-38.4	50.6	310.5
422	B34R_087_075de	0.625	0.0	0.625	0.0	0.625	0.0	34.9	24.7	-38.8	38.0	310.5	0.792	0.811	0.116	0.0	0.064	0.0	26.5	32.9	-38.4	50.6	310.5
423	R38Y_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
424	R23Y_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
425	R00Y_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.401	0.657	0.372	0.0	0.0	0.254	45.6	72.2	34.4	80.0	25.4	
426	R18Y_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	44.0	38.0	6.0	25.4	0.401	0.657	0.372	0.0	0.0	0.254	45.6	72.2	34.4	80.0	25.4	
427	B50R_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
428	B50R_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
429	B38R_075_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
430	B38R_075_050de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
431	B35R_100_075de	0.625	0.0	0.625	0.0	0.625	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.726	1.0	0.0	0.301	0.0	55.9	47.2	58.5	75.1	51.0
432	R61Y_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	49.5	18.4	42.7	46.5	58.8	0.426	0.659	0.996	0.0	0.398	0.0	60.2	38.2	63.4	74.1	66.6
433	R50Y_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	51.2	19.1	31.7	37.7	68.1	0.602	0.79	0.0	0.0	0.404	0.0	64.6	29.4	68.4	74.5	68.6
434	R31Y_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	53.1	19.6	20.7	28.5	46.6	0.399	0.579	0.607	0.0	0.246	0.0	53.5	52.2	55.3	72.2	46.6
435	R00Y_062_025de	0.625	0.0	0.625	0.0	0.625	0.0	53.1	19.6	20.7	28.5	46.6	0.399	0.579	0.607	0.0	0.246	0.0	53.5	52.2	55.3	72.2	46.6
436	R00Y_062_025de	0.625	0.0	0.625	0.0	0.625	0.0	53.1	19.6	20.7	28.5	46.6	0.399	0.579	0.607	0.0	0.246	0.0	53.5	52.2	55.3	72.2	46.6
437	R00Y_062_025de	0.625	0.0	0.625	0.0	0.625	0.0	53.1	19.6	20.7	28.5	46.6	0.399	0.579	0.607	0.0	0.246	0.0	53.5	52.2	55.3	72.2	46.6
438	B34R_075_037de	0.625	0.0	0.625	0.0	0.625	0.0	52.7	17.6	-7.2	13.9	328.6	0.568	0.538	0.303	0.0	0.1	41.4	70.4	-9.8	71.1	352.0	
439	B25R_087_050de	0.625	0.0	0.625	0.0	0.625	0.0	51.9	12.3	-14.4	19.0	310.1	0.614	0.527	0.199	0.0	0.311	47.7	-29.1	55.9	328.6	80.0	
440	B19R_100_062de	0.625	0.0	0.625	0.0	0.625	0.0	54.8	11.0	-25.2	27.5	293.5	0.632	0.491	0.104	0.0	0.105	0.0	26.5	32.9	-38.4	50.6	310.5
441	R81Y_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	55.3	11.0	-25.2	27.5	293.5	0.632	0.491	0.104	0.0	0.105	0.0	26.5	32.9	-38.4	50.6	310.5
442	R61Y_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	56.5	8.9	37.9	38.4	76.7	0.404	0.48	0.806	0.0	0.604	0.0	70.9	17.9	75.9	77.9	76.7
443	R68Y_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	58.3	9.2	26.9	28.4	71.1	0.398	0.459	0.844	0.0	0.543	0.0	67.4	24.5	71.9	75.9	71.1
444	R50Y_062_025de	0.625	0.0	0.625	0.0	0.625	0.0	60.0	9.5	15.8	18.5	58.8	0.395	0.44	0.495	0.0	0.398	0.0	60.2	38.2	63.4	74.1	58.8
445	R00Y_062_012de	0.625	0.0	0.625	0.0	0.625	0.0	62.6	9.0	4.3	10.0	25.4	0.402	0.407	0.335	0.0	0.254	0.0	45.6	72.2	34.4	80.0	25.4
446	B50R_062_012de	0.625	0.0	0.625	0.0	0.625	0.0	60.8	5.9	-3.6	6.9	328.6	0.49	0.41	0.278	0.0	0.321	0.0	31.1	47.7	-29.1	55.9	328.6
447	B25R_075_025de	0.625	0.0	0.625	0.0	0.625	0.0	60.8	5.9	-3.6	6.9	328.6	0.49	0.41	0.278	0.0	0.321	0.0	31.1	47.7	-29.1	55.9	328.6
448	B15R_087_037de	0.625	0.0	0.625	0.0	0.625	0.0	63.1	5.4	-15.0	16.0	289.7	0.516	0.362	0.109	0.0	0.248	0.0	32.8	14.4	-40.2	42.7	289.7
449	B11R_100_050de	0.625	0.0	0.625	0.0	0.625	0.0	65.1	5.4	-20.2	20.9	285.0	0.519	0.323	0.009	0.0	0.302	0.0	34.7	10.8	-40.4	41.8	285.0
450	Y00G_062_062de	0.625	0.0	0.625	0.0	0.625	0.0	61.4	-2.2	56.5	56.5	92.3	0.401	0.354	0.978	0.0	0.878	0.0	83.6	-3.6	90.4	90.4	92.3
451	Y00G_062_050de	0.625	0.0	0.625	0.0	0.625	0.0	62.9	-1.8	45.2	45.2	92.3	0.392	0.339	0.815	0.0	0.878	0.0	83.6	-3.6	90.4	90.4	92.3
452	Y00G_062_037de	0.625	0.0	0.625	0.0	0.625	0.0	64.4	-1.3	33.9	33.9	92.3	0.387	0.322	0.668	0.0	0.878	0.0	83.6	-3.6	90.4	90.4	92.3
453	Y00G_062_025de	0.625	0.0	0.625	0.0	0.625	0.0	65.9	-0.9	22.6	22.6	92.3	0.388	0.306	0.532	0.0	0.878	0.0	83.6	-3.6	90.4	90.4	92.3
454	Y00G_062_012de	0.625	0.0	0.625	0.0	0.625	0.0	67.4	-0.4	11.3	11.3	92.3	0.399	0.286	0.399	0.0	0.878	0.0	83.6	-3.6	90.4	90.4	92.3
455	NW_062de	0.625	0.0	0.625	0.0	0.625	0.0	68.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
456	B00R_087_012de	0.625	0.0	0.625	0.0	0.625	0.0	70.8	0.1	-5.0	5.0	271.7	0.412	0.236	0.176	0.0	0.458	0.0	40.2	1.2	-40.6	40.6	271.7
457	B00R_087_025de	0.625	0.0	0.625	0.0	0.625	0.0	72.8	0.3	-10.1	10.1	271.7	0.408	0.21	0.093	0.0	0.458	0.0	40.2	1.2	-40.6	40.6	271.7
458	B00R_100_037de	0.625	0.0	0.625	0.0	0.625	0.0	74.8															

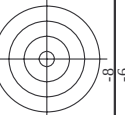


TUB material: code=rha4ta
my0* (CMY0)

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



<i>n</i>	<i>HIC[°]F_{ide}</i>	<i>rgb[°]F_{ide}</i>	<i>lct[°]F_{ide}</i>	<i>hs₀[°]F_{ide}</i>	<i>rgb[°]F_{ide}</i>	<i>LabCH[°]F_{ide}</i>	<i>cmys[°]sep[°]F_{ide}</i>	<i>hs₀[°]M_{ide}</i>	<i>rgb[°]M_{ide}</i>	<i>LabCH[°]M_{ide}</i>	<i>delta</i>
567	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.0	0.222	42.9	63.1	70.0	25.4
568	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	390	382	390	382	88.0
569	R36Y_087_087 _{ide}	0.875	0.125	0.875	0.875	0.437	380	380	380	380	72.2
570	R23Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	364	364	364	364	80.0
571	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	375	375	375	375	72.2
572	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	365	365	365	365	72.2
573	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	355	355	355	355	72.2
574	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	346	346	346	346	72.2
575	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	338	338	338	338	72.2
576	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	330	330	330	330	72.2
577	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	323	323	323	323	72.2
578	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	316	316	316	316	72.2
579	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	309	309	309	309	72.2
580	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	302	302	302	302	72.2
581	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	295	295	295	295	72.2
582	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	288	288	288	288	72.2
583	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	281	281	281	281	72.2
584	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	274	274	274	274	72.2
585	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	267	267	267	267	72.2
586	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	260	260	260	260	72.2
587	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	253	253	253	253	72.2
588	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	246	246	246	246	72.2
589	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	239	239	239	239	72.2
590	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	232	232	232	232	72.2
591	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	225	225	225	225	72.2
592	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	218	218	218	218	72.2
593	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	211	211	211	211	72.2
594	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	204	204	204	204	72.2
595	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	197	197	197	197	72.2
596	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	190	190	190	190	72.2
597	R00Y_087_087 _{ide}	0.875	0.0	0.875	0.875	0.437	183	183	183	183	72.2



TUB material: code=rha4ta
my0* (CMY0)

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

TUB-test chart PE58; hue plane red – green
colors and differences, ΔE^* , 3D=1, de=1, cmY0*



PE580-7N, Page 21/26-F

RE	4600I	120930	TYT	1080	colore	Separation	cmv#*

<i>n</i>	HIC* <i>Fide</i>	<i>rgb_Fide</i>	<i>icc_Fide</i>	<i>hα_Fide</i>	<i>rgb*Fide</i>	<i>LabCh*Fide</i>	<i>cmyn*sep_Fide</i>	<i>hαn*Fide</i>	<i>rgb*Fide</i>	<i>LabCh*Fide</i>	<i>delta</i>
648	R00Y_100_100de	1.0	0.0	0.0	390	1.0	0.0	0.254	45.6	72.2	34.4
649	R30Y_100_100de	1.0	0.0	0.5	383	1.0	0.0	0.458	45.8	73.8	23.5
650	R80Y_100_100de	1.0	0.125	1.0	376	1.0	0.0	0.657	46.0	76.1	13.2
651	R26Y_100_100de	1.0	0.0	0.5	368	1.0	0.0	0.955	46.0	78.9	1.3
652	R00Y_100_100de	1.0	0.0	0.5	360	0.736	0.0	1.0	0.0	0.0	0.0
653	B68R_100_100de	1.0	0.0	0.5	352	0.666	0.0	1.0	0.393	67.3	-12.5
654	B61R_100_100de	1.0	0.0	0.5	344	0.522	0.0	1.0	0.360	59.9	-19.6
655	B55R_100_100de	1.0	0.0	0.5	337	0.407	0.0	1.0	0.335	53.6	-24.7
656	B50R_100_100de	1.0	0.0	0.5	330	0.321	0.0	1.0	0.311	47.7	-29.1
657	R11Y_100_100de	1.0	0.0	0.5	330	0.02	0.0	1.0	0.0	0.0	0.0
658	R00Y_100_087de	1.0	0.0	0.5	330	0.125	0.0	1.0	0.0	0.0	0.0
659	R36Y_100_087de	1.0	0.0	0.5	382	0.125	0.0	1.0	0.0	0.0	0.0
660	R23Y_100_087de	1.0	0.0	0.5	374	0.125	0.0	1.0	0.0	0.0	0.0
661	R08Y_100_087de	1.0	0.0	0.5	365	0.934	0.028	0.867	0.054	76.8	10.3
662	B70R_100_087de	1.0	0.0	0.5	355	0.775	0.052	0.875	0.015	70.7	-9.5
663	B63R_100_087de	1.0	0.0	0.5	346	0.61	0.125	1.0	0.483	61.7	-17.9
664	B56R_100_087de	1.0	0.0	0.5	338	0.496	0.125	1.0	0.416	54.0	-34.7
665	B50R_100_087de	1.0	0.0	0.5	330	0.406	0.125	1.0	0.391	47.7	-21.0
666	R23Y_100_100de	1.0	0.0	0.5	44	1.0	0.166	0.0	0.505	59.2	41.8
667	R13Y_100_087de	1.0	0.0	0.5	38	1.0	0.163	0.125	0.528	51.6	78.6
668	R00Y_100_075de	1.0	0.0	0.5	390	1.0	0.25	0.441	58.1	54.1	25.8
669	R33Y_100_075de	1.0	0.0	0.5	351	1.0	0.25	0.634	58.3	57.7	13.4
670	R08Y_100_075de	1.0	0.0	0.5	349	1.0	0.18	0.87	58.3	58.4	58.3
671	B65R_100_075de	1.0	0.0	0.5	346	0.802	0.25	1.0	0.519	62.2	-7.3
672	B57R_100_075de	1.0	0.0	0.5	339	0.702	0.25	1.0	0.472	54.0	-17.1
673	B50R_100_075de	1.0	0.0	0.5	330	0.59	0.25	1.0	0.496	41.6	-41.6
674	B50R_100_075de	1.0	0.0	0.5	675	0.49	0.25	1.0	0.472	55.3	48.4
675	R26Y_100_100de	1.0	0.0	0.5	52	1.0	0.288	0.0	0.553	48.4	57.7
676	R15Y_100_087de	1.0	0.0	0.5	67	1.0	0.288	0.125	0.572	49.4	46.5
677	R00Y_100_075de	1.0	0.0	0.5	67	1.0	0.301	0.25	0.594	49.9	35.5
678	R31Y_100_062de	1.0	0.0	0.5	390	1.0	0.375	0.534	64.3	45.1	21.5
679	R08Y_100_062de	1.0	0.0	0.5	379	1.0	0.375	0.731	64.5	46.9	11.0
680	R11Y_100_062de	1.0	0.0	0.5	367	1.0	0.375	0.999	64.6	49.5	-0.1
681	B69R_100_062de	1.0	0.0	0.5	367	0.807	0.375	1.0	0.609	42.8	-7.2
682	B59R_100_062de	1.0	0.0	0.5	367	0.671	0.375	1.0	0.579	35.7	-13.7
683	B50R_100_062de	1.0	0.0	0.5	360	0.576	0.375	1.0	0.553	29.8	-18.2
684	B50Y_100_100de	1.0	0.0	0.5	60	1.0	0.398	0.0	0.602	38.2	63.4
685	R41Y_100_087de	1.0	0.0	0.5	65	1.0	0.413	0.125	0.619	39.0	52.4
686	R31Y_100_075de	1.0	0.0	0.5	62	1.0	0.434	0.25	0.640	39.2	41.5
687	R18Y_100_062de	1.0	0.0	0.5	390	1.0	0.447	0.375	66.2	39.6	50.1
688	R00Y_100_050de	1.0	0.0	0.5	41	1.0	0.5	0.627	70.6	36.1	17.2
689	R26Y_100_050de	1.0	0.0	0.5	376	1.0	0.5	0.828	70.8	38.0	6.6
690	R00Y_100_050de	1.0	0.0	0.5	360	0.868	0.5	1.0	0.685	35.2	-4.9
691	B61R_100_050de	1.0	0.0	0.5	344	0.761	0.5	1.0	0.658	29.9	-9.8
692	B50Y_100_050de	1.0	0.0	0.5	330	0.66	0.5	1.0	0.633	23.8	-14.5
693	R63Y_100_100de	1.0	0.0	0.5	68	1.0	0.506	0.0	0.653	28.2	74.7
694	R58Y_100_087de	1.0	0.0	0.5	65	1.0	0.533	0.125	0.674	28.0	58.7
695	R50Y_100_075de	1.0	0.0	0.5	60	1.0	0.548	0.25	0.690	28.7	47.5
696	R38Y_100_062de	1.0	0.0	0.5	53	1.0	0.563	0.375	70.8	29.5	36.5
697	R23Y_100_050de	1.0	0.0	0.5	44	1.0	0.583	0.5	73.0	29.6	25.8
698	R00Y_100_037de	1.0	0.0	0.5	390	1.0	0.625	0.72	76.8	27.0	12.9
699	B65R_100_037de	1.0	0.0	0.5	371	1.0	0.625	0.935	77.0	29.2	4.3
700	B58R_100_037de	1.0	0.0	0.5	349	0.851	0.625	1.0	0.738	24.1	-5.7
701	B50R_100_037de	1.0	0.0	0.5	330	0.745	0.625	1.0	0.719	17.9	-10.9
702	R76Y_100_100de	1.0	0.0	0.5	76	1.0	0.604	0.0	0.709	75.9	76.7
703	R68Y_100_087de	1.0	0.0	0.5	74	1.0	0.632	0.125	0.718	65.0	67.5
704	R39Y_100_075de	1.0	0.0	0.5	71	1.0	0.657	0.25	0.744	65.9	56.9
705	R61Y_100_062de	1.0	0.0	0.5	67	1.0	0.683	0.375	76.2	18.4	46.5
706	R50Y_100_050de	1.0	0.0	0.5	60	1.0	0.699	0.5	73.0	19.1	31.7
707	R31Y_100_037de	1.0	0.0	0.5	48	1.0	0.717	0.625	79.8	19.6	20.7
708	R00Y_100_025de	1.0	0.0	0.5	390	0.834	0.75	0.813	83.1	18.0	6.6
709	R68Y_100_025de	1.0	0.0	0.5	330	0.83	0.75	1.0	0.783	17.6	-4.7
710	R85Y_100_100de	1.0	0.0	0.5	83	1.0	0.721	0.0	0.814	81.8	84.6
711	R86Y_100_087de	1.0	0.0	0.5	82	1.0	0.721	0.0	0.814	81.8	84.6
712	R86Y_100_075de	1.0	0.0	0.5	81	1.0	0.721	0.0	0.814	81.8	84.6
713	R86Y_100_062de	1.0	0.0	0.5	81	1.0	0.721	0.0	0.814	81.8	84.6
714	R81Y_100_050de	1.0	0.0	0.5	76	1.0	0.721	0.0	0.814	81.8	84.6
715	R76Y_100_050de	1.0	0.0	0.5	75	1.0	0.721	0.0	0.814	81.8	84.6
716	R69Y_100_037de	1.0	0.0	0.5	71	1.0	0.721	0.0	0.814	81.8	84.6
717	R50Y_100_025de	1.0	0.0	0.5	70	1.0	0.721	0.0	0.814	81.8	84.6
718	R00Y_100_012de	1.0	0.0	0.5	390	1.0	0.848	0.625	85.0	9.2	26.9
719	B50R_100_012de	1.0	0.0	0.5	390	1.0	0.848	0.625	85.0	9.2	26.9
720	Y00G_100_100de	1.0	0.0	0.5	90	1.0	0.875	0.906	89.3	0.0	4.3
721	Y00G_100_087de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
722	Y00G_100_075de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
723	Y00G_100_062de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
724	Y00G_100_050de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
725	Y00G_100_037de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
726	Y00G_100_025de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
727	Y00G_100_012de	1.0	0.0	0.5	90	1.0	0.875	1.0	87.5	5.9	-3.6
728	NW_100de	1.0	0.0	0.5	360	1.0	1.0	1.0	95.6	0.0	0.0

<http://130.149.60.45/~farbmatrik/PE58/PE58LOFP.PDF /.PS; 3D-linearization>
F: 3D-linearization PE58/PE58LE30FP.DAT in file (F), page 24/26

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

TUB-test chart PE58; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, cmy0*
input: *rgb/cmyk* -> *rgbde*
output: 3D-linearization to *cmy0*de*



TUB material: code=rha4ta
ny0* (CMY0)

input: <i>rgb/cmyk</i> $\rightarrow$ <i>rgb</i> _{de}	PE4
output: 3D-linearization to	

TUB-test chart PE58; hue plane red – green
colors and differences, ΔE^* , 3D=1, de=1, $cmY0^*$

<i>n</i>	HC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	hsa.de	rgb*de	LabCh*de	delta
1053	NW_086de	0.866 0.866 0.866	0.866 0.0	0.866	360	0.866 0.866 0.866	86.0	0.0	0.0	0.0
1054	NW_093de	0.933 0.933 0.933	0.933 0.0	0.933	360	0.933 0.933 0.933	90.8	0.0	0.0	0.0
1055	NW_100de	1.0 1.0 1.0	1.0 0.0	1.0	360	1.0 1.0 1.0	95.6	0.0	0.0	0.0
1056	NW_000de	0.0 0.0 0.0	0.0 0.0	0.0	360	0.0 0.0 0.0	24.3	0.0	0.0	0.0
1057	NW_006de	0.066 0.066 0.066	0.066 0.0	0.066	360	0.066 0.066 0.066	29.0	0.0	0.0	0.0
1058	NW_013de	0.133 0.133 0.133	0.133 0.0	0.133	360	0.133 0.133 0.133	33.8	0.0	0.0	0.0
1059	NW_026de	0.2 0.2 0.2	0.2 0.0	0.2	360	0.2 0.2 0.2	38.6	0.0	0.0	0.0
1060	NW_026de	0.266 0.266 0.266	0.266 0.0	0.266	360	0.266 0.266 0.266	43.3	0.0	0.0	0.0
1061	NW_033de	0.333 0.333 0.333	0.333 0.0	0.333	360	0.333 0.333 0.333	48.1	0.0	0.0	0.0
1062	NW_040de	0.4 0.4 0.4	0.4 0.0	0.4	360	0.4 0.4 0.4	52.8	0.0	0.0	0.0
1063	NW_046de	0.466 0.466 0.466	0.466 0.0	0.466	360	0.466 0.466 0.466	57.5	0.0	0.0	0.0
1064	NW_053de	0.533 0.533 0.533	0.533 0.0	0.533	360	0.533 0.533 0.533	62.3	0.0	0.0	0.0
1065	NW_060de	0.6 0.6 0.6	0.6 0.0	0.6	360	0.6 0.6 0.6	67.1	0.0	0.0	0.0
1066	NW_066de	0.666 0.666 0.666	0.666 0.0	0.666	360	0.666 0.666 0.666	71.8	0.0	0.0	0.0
1067	NW_073de	0.734 0.734 0.734	0.734 0.0	0.734	360	0.734 0.734 0.734	76.6	0.0	0.0	0.0
1068	NW_080de	0.8 0.8 0.8	0.8 0.0	0.8	360	0.8 0.8 0.8	81.3	0.0	0.0	0.0
1069	NW_086de	0.866 0.866 0.866	0.866 0.0	0.866	360	0.866 0.866 0.866	86.0	0.0	0.0	0.0
1070	NW_093de	0.933 0.933 0.933	0.933 0.0	0.933	360	0.933 0.933 0.933	90.8	0.0	0.0	0.0
1071	NW_100de	1.0 1.0 1.0	1.0 0.0	1.0	360	1.0 1.0 1.0	95.6	0.0	0.0	0.0
1072	NW_000de	0.0 0.0 0.0	0.0 0.0	0.0	360	0.0 0.0 0.0	24.3	0.0	0.0	0.0
1073	NW_006de	0.0 0.0 0.0	0.0 0.0	0.0	360	0.0 0.0 0.0	29.0	0.0	0.0	0.0
1074	RO0Y_100_100de	1.0 1.0 1.0	1.0 0.0	1.0	360	1.0 1.0 1.0	95.6	0.0	0.0	0.0
1075	G50R_100_100de	0.0 0.0 0.0	0.0 0.0	0.0	390	0.0 0.0 0.0	45.6	0.0	0.0	25.4
1076	Y00G_100_100de	0.0 0.0 0.0	0.0 0.0	0.0	210	0.0 0.0 0.0	36.2	0.0	0.0	216.9
1077	B00G_100_100de	0.0 0.0 0.0	0.0 0.0	0.0	90	0.0 0.0 0.0	63.6	0.0	0.0	45.3
1078	B00R_100_100de	0.0 0.0 0.0	0.0 0.0	0.0	720	0.0 0.0 0.0	36.2	0.0	0.0	90.4
1079	B50R_100_100de	0.0 0.0 0.0	0.0 0.0	0.0	150	0.0 0.0 0.0	45.6	0.0	0.0	271.7
		1.0 1.0 1.0	1.0 0.0	1.0	330	1.0 1.0 1.0	95.6	0.0	0.0	65.2
		0.0 0.0 0.0	0.0 0.0	0.0	330	0.0 0.0 0.0	24.3	0.0	0.0	139.9
		0.0 0.0 0.0	0.0 0.0	0.0	330	0.0 0.0 0.0	29.0	0.0	0.0	45.1
		0.0 0.0 0.0	0.0 0.0	0.0	330	0.0 0.0 0.0	31.1	0.0	0.0	31.1
		0.0 0.0 0.0	0.0 0.0	0.0	330	0.0 0.0 0.0	47.7	0.0	0.0	47.7
		0.0 0.0 0.0	0.0 0.0	0.0	330	0.0 0.0 0.0				