

13 standard colours for D65

in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

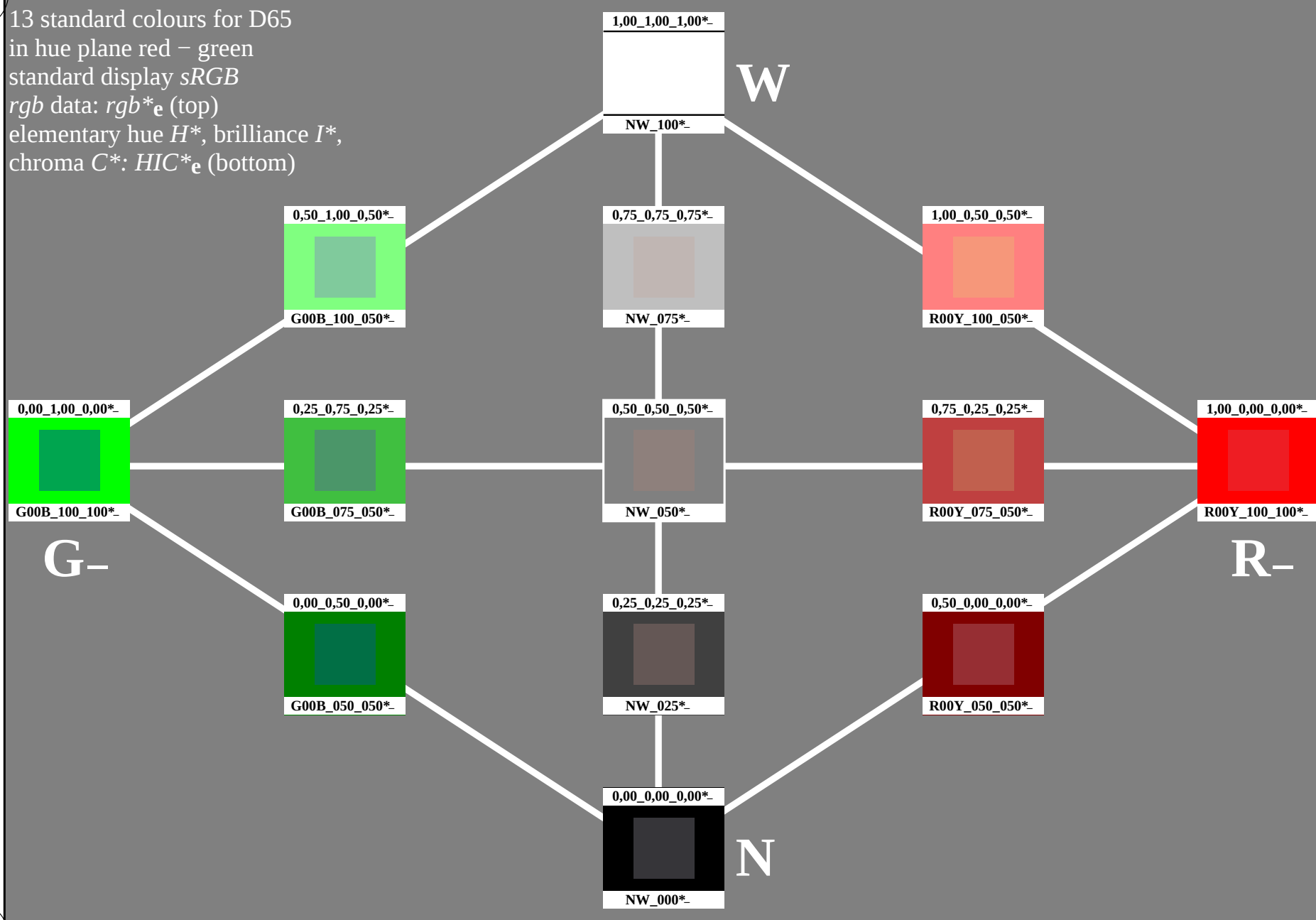
elementary hue H^* , brilliance I^* ,

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

see similar files: <http://130.149.60.45/~farbmetrik/PE55/PE55.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta



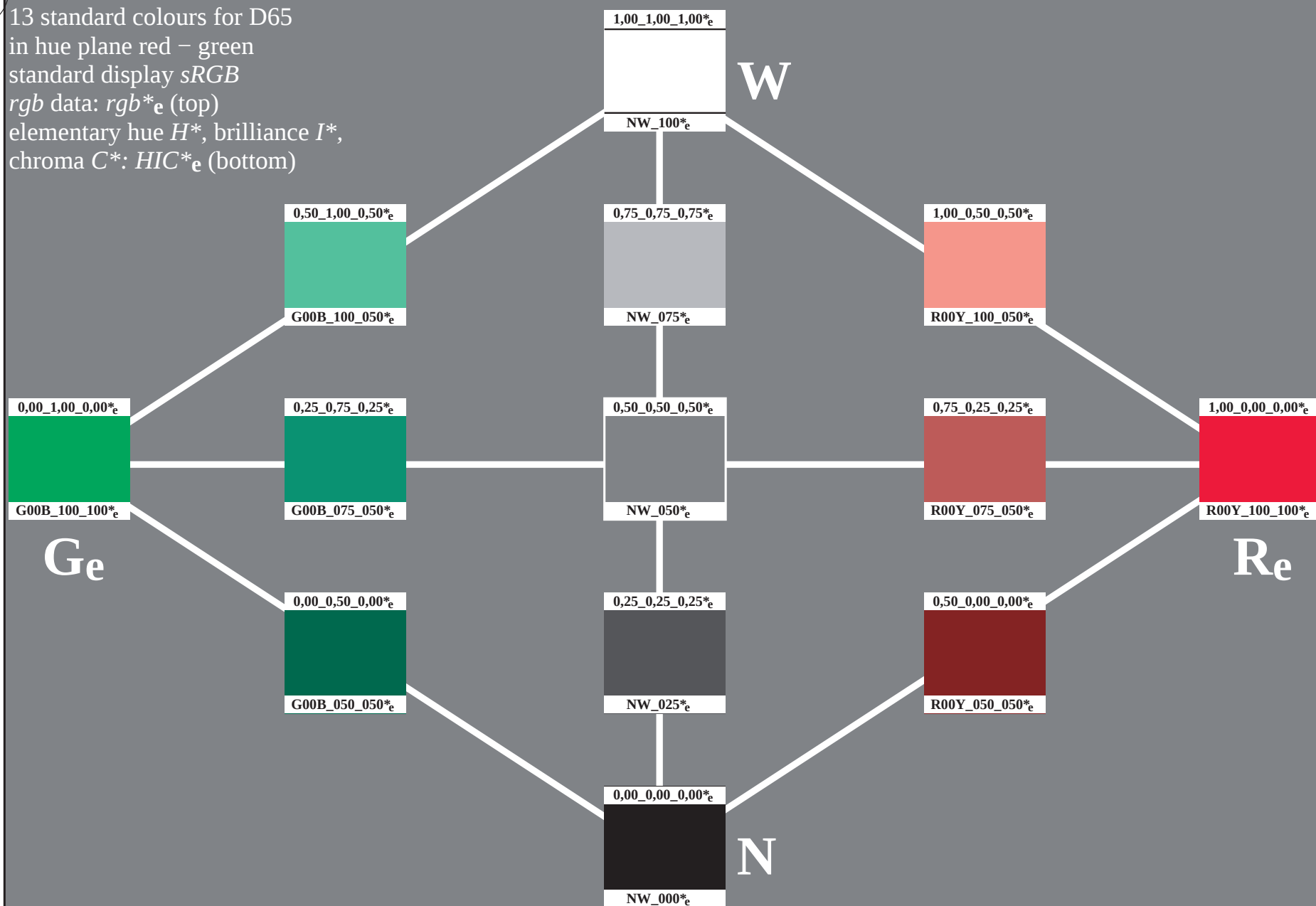
1-113030-L0

PE550-7N

TUB-test chart PE55; 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)



1-113130-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation cmykn6*

TUB-test chart PE55; hue plane red – green
 13 standard colours for D65, 3D=1, $de=1$, $cmyk^*$

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

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)

see similar files: <http://130.149.60.45/~farbmetrik/PE55/PE55.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation *cmyn6** (CMYK)



1-113230-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation *cmyn6**

TUB-test chart PE55; hue plane red – green
13 standard colours for D65, 3D=1, *de*=1, *cmk**

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

1-113230-F0

C

M

Y

O

L

V

13 standard colours for D65

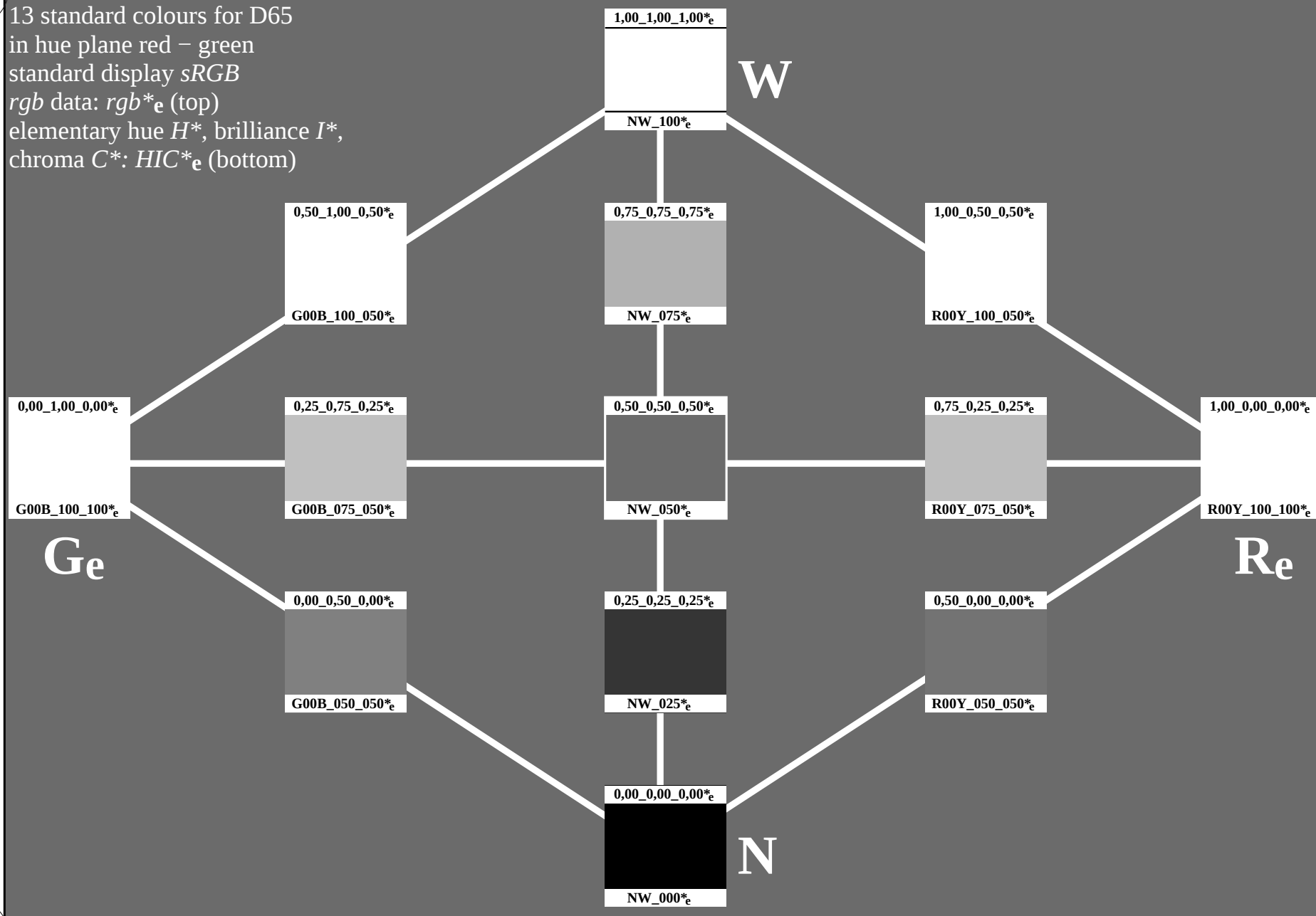
in hue plane red – green

standard display *sRGB*

rgb data: rgb^*_e (top)

elementary hue H^* , brilliance I^* ,

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



1-113530-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation *cmyn6**

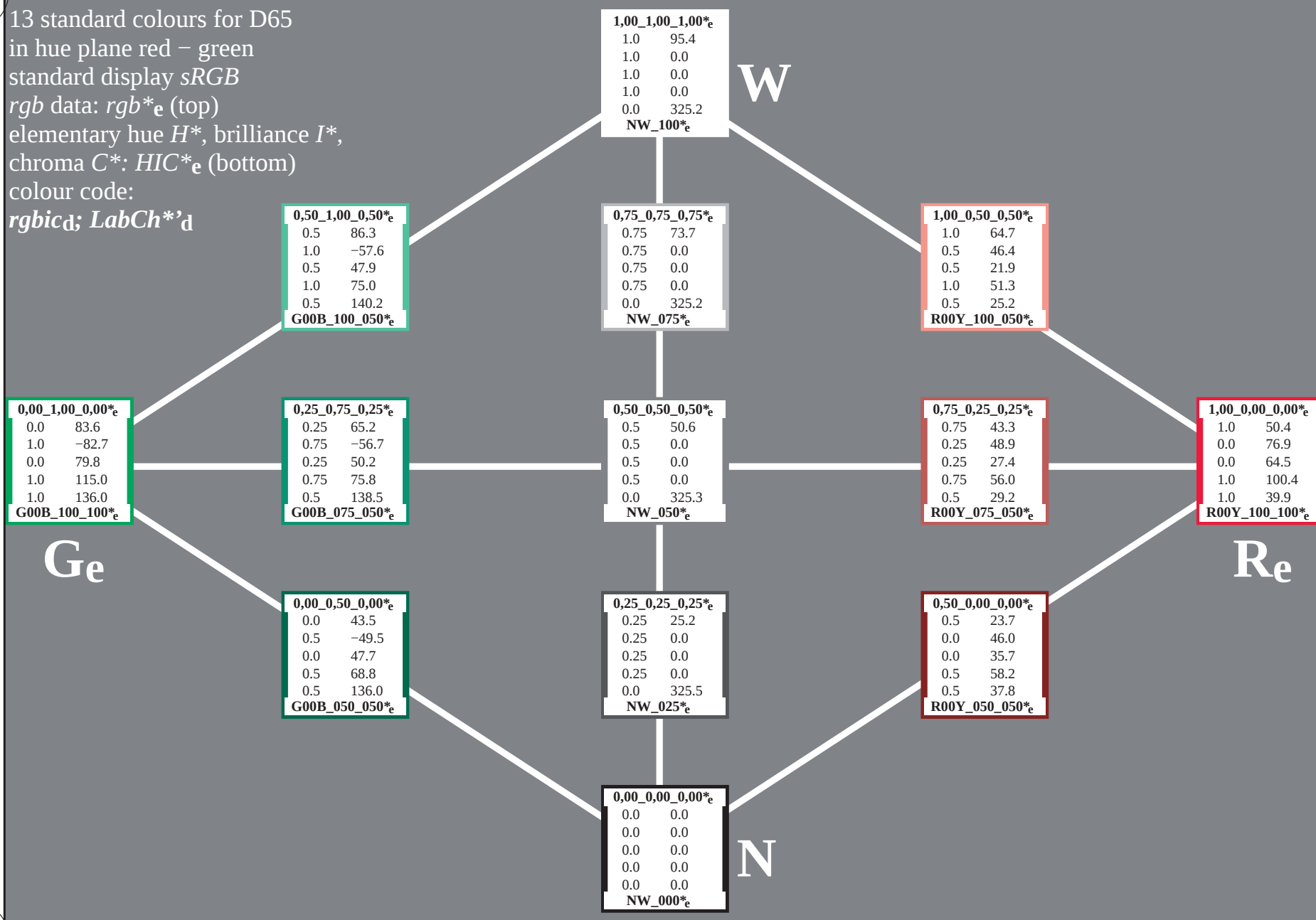
TUB-test chart PE55; hue plane red – green
13 standard colours for D65, 3D=1, *de*=1, *cmk**

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

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS
application for measurement of offset print output, separation *cmyn6** (CMYK)

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)
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	52.4	
1.0	-67.1	
0.093	21.5	
1.0	70.5	
1.0	162.2	
$G00B_100_100^*_e$		

$0,50_1,00_0,50^*_e$		
0.5	73.9	
1.0	-33.5	
0.546	10.7	
1.0	35.2	
0.5	162.2	
$G00B_100_050^*_e$		

$0,25_0,75_0,25^*_e$		
0.25	54.5	
0.75	-33.5	
0.296	10.7	
0.75	35.2	
0.5	162.2	
$G00B_075_050^*_e$		

$0,00_0,50_0,00^*_e$		
0.0	35.0	
0.5	-33.5	
0.046	10.7	
0.5	35.2	
0.5	162.2	
$G00B_050_050^*_e$		

$1,00_1,00_1,00^*_e$		
1.0	95.4	
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	76.0	
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	56.5	
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	37.1	
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	17.7	
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	71.5	
0.5	32.4	
0.604	15.4	
1.0	35.9	
0.5	25.4	
$R00Y_100_050^*_e$		

$0,75_0,25_0,25^*_e$		
0.75	52.1	
0.25	32.4	
0.354	15.4	
0.75	35.9	
0.5	25.4	
$R00Y_075_050^*_e$		

$0,50_0,00_0,00^*_e$		
0.5	32.6	
0.0	32.4	
0.104	15.4	
0.5	35.9	
0.5	25.4	
$R00Y_050_050^*_e$		

$1,00_0,00_0,00^*_e$		
1.0	47.6	
0.0	64.9	
0.209	30.9	
1.0	71.9	
1.0	25.4	
$R00Y_100_100^*_e$		

Re

1-113730-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation $cmyn6^*$

TUB-test chart PE55; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, cmk^*_de

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

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS
application for measurement of offset print output, separation $cmyn6^*$ (CMYK)

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)

colour code:

$rgbic^*_d$; $rgbic^*_de$

$0,50_1,00_0,50^*_e$	
0.5	0.5
1.0	1.0
0.5	0.546
1.0	1.0
0.5	0.5
$G00B_100_050^*_e$	

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

W

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

$1,00_0,50_0,50^*_e$	
1.0	1.0
0.5	0.5
0.5	0.604
1.0	1.0
0.5	0.5
$R00Y_100_050^*_e$	

$0,00_1,00_0,00^*_e$	
0.0	0.0
1.0	1.0
0.0	0.093
1.0	1.0
1.0	1.0
$G00B_100_100^*_e$	

$0,25_0,75_0,25^*_e$	
0.25	0.25
0.75	0.75
0.25	0.296
0.75	0.75
0.5	0.5
$G00B_075_050^*_e$	

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

$0,75_0,25_0,25^*_e$	
0.75	0.75
0.25	0.25
0.25	0.354
0.75	0.75
0.5	0.5
$R00Y_075_050^*_e$	

$1,00_0,00_0,00^*_e$	
1.0	1.0
0.0	0.0
0.0	0.209
1.0	1.0
1.0	1.0
$R00Y_100_100^*_e$	

Ge

$0,00_0,50_0,00^*_e$	
0.0	0.0
0.5	0.5
0.0	0.046
0.5	0.5
0.5	0.5
$G00B_050_050^*_e$	

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

$0,50_0,00_0,00^*_e$	
0.5	0.5
0.0	0.0
0.0	0.104
0.5	0.5
0.5	0.5
$R00Y_050_050^*_e$	

Re

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

N

1-113830-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation $cmyn6^*$

TUB-test chart PE55; hue plane red – green
13 standard colours for D65, 3D=1, $de=1$, cmk^*_de

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

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS
application for measurement of offset print output, separation $cmyn6^*$ (CMYK)

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)

colour code:

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

$0,50_1,00_0,50^*_e$

73.9 ?
-33.5 ?
10.7 ?
35.2 ?
162.2 ?

$G00B_100_050^*_e$

$1,00_1,00_1,00^*_e$

95.4 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?

$NW_100^*_e$

$0,75_0,75_0,75^*_e$

76.0 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?

$NW_075^*_e$

$1,00_0,50_0,50^*_e$

71.5 ?
32.4 ?
15.4 ?
35.9 ?
25.4 ?

$R00Y_100_050^*_e$

$0,00_1,00_0,00^*_e$

52.4 ?
-67.1 ?
21.5 ?
70.5 ?
162.2 ?

$G00B_100_100^*_e$

$0,25_0,75_0,25^*_e$

54.5 ?
-33.5 ?
10.7 ?
35.2 ?
162.2 ?

$G00B_075_050^*_e$

$0,50_0,50_0,50^*_e$

56.5 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?

$NW_050^*_e$

$0,75_0,25_0,25^*_e$

52.1 ?
32.4 ?
15.4 ?
35.9 ?
25.4 ?

$R00Y_075_050^*_e$

$1,00_0,00_0,00^*_e$

47.6 ?
64.9 ?
30.9 ?
71.9 ?
25.4 ?

$R00Y_100_100^*_e$

Ge

Re

$0,25_0,25_0,25^*_e$

37.1 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?

$NW_025^*_e$

$0,50_0,00_0,00^*_e$

32.6 ?
32.4 ?
15.4 ?
35.9 ?
25.4 ?

$R00Y_050_050^*_e$

$0,00_0,00_0,00^*_e$

17.7 ?
0.0 ?
0.0 ?
0.0 ?
0.0 ?

$NW_000^*_e$

N

1-113930-L0

PE550-73

PE4300L_120830.TXT, 1080 colors, Separation $cmyn6^*$

TUB-test chart PE55; hue plane red – green

13 standard colours for D65, 3D=1, $de=1$, cmk^*_de

input: $rgb/cmyk \rightarrow rgb_{de}$

output: 3D-linearization to cmk^*_de



TUB material: code=rha4ta
myn6* (CMYK)

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

TUB-test chart PE55; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, cm/yk*

PE4300L 120830 TXT. 1080 colors. Separation cmv6**

[illegible]



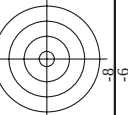
TUB material: code=rha4ta
nyn6* (CMYK)

PE550-7N, Page 12/26-F

TU8-test chart PE55; hue plane red – green
colors and differences, ΔE^*_{ab} , 3D=1, de=1, cm_{yk}^*
input: $rgb/cm_{yk} \rightarrow rgb_{de}$
output: 3D-linearization to $cm_{yk}^*_{de}$

PE4300L_120830.TXT; 1080 colors, Separation cm_{yn}^*

[illegible]

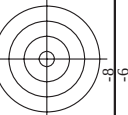


TUB material: code=rha4ta
nyn6* (CMYK)

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

PF4300L 120830.TXT. 1080 colors. Separation cmym6**

1-1131320-F0 PE550-7N, Page 14/26-F PE4300L 120830.TXT 1080 colors. Separation cmv6*

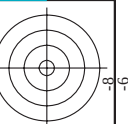


TUB material: code=rha4ta
nyn6* (CMYK)

TUB-test chart PE55; hue plane red – green
 colors and differences, ΔE^* , 3D=1, de=1, cmk^*
 input: *rgb/cmyk* –>
 output: 3D-lineariz

1-131430-F0	PE550-7N, Page 15/26-F	PE4300L_120830.TXT, 1080 colors, Separation cmycm6*	actual
		TUB-test chart PE55; hue plane red - green colors and differences, ΔE^*, 3D=1, de=1, cmyk* input: <i>rgb/cmyk</i> - $>$ <i>rgb</i>_{de} output: 3D-linearization to <i>cmyk</i>*_{de} 	

A target diagram for the '8-9' section. It consists of a vertical line on the left and a horizontal line intersecting it. There are four concentric semi-circular arcs on the right side of the horizontal line, centered at the intersection. The arcs are labeled from the center outwards as 8, 7, 6, and 5.



TUB material: code=rha4ta
nyn6* (CMYK)

TUB-test chart PE55; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, cm/yk*

TUB-test chart PE55; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, cmyk*

PE550-7N, Page 16/26-F

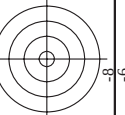
PE4300L_120830.TXT, 1080 colors, Separation cmy6*

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

PE4300L_120830.TXT, 1080 colors, Separation cmyn6*

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

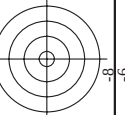
n	HC*File	rgb*File	lcr*File	hsa*File	rgb*File	LabCh*File	cmyn*sepFile	663	548	0843	hsm*de	rgb*File	LabCh*File	719	25.4
324	R050_050_050de	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	378	1.0	0.0	476	64.9
325	R050_050_050de	0.5	0.0	0.125	0.5	0.0	0.0	0.84	0.554	0.0	357	1.0	0.0	478	69.2
326	R050_050_050de	0.5	0.0	0.25	0.5	0.0	0.0	0.829	0.574	0.0	327	0.948	0.0	473	71.5
327	R050_050_050de	0.5	0.0	0.375	0.5	0.0	0.0	0.909	0.597	0.0	310	0.661	0.0	416	61.0
328	R050_050_050de	0.5	0.0	0.5	0.5	0.0	0.0	0.915	0.617	0.0	293	0.407	0.0	348	49.0
329	R050_050_050de	0.5	0.0	0.625	0.5	0.0	0.0	0.947	0.647	0.0	286	0.298	0.0	324	40.8
330	R050_050_050de	0.5	0.0	0.75	0.5	0.0	0.0	0.962	0.672	0.0	281	0.205	0.0	307	34.6
331	R050_050_050de	0.5	0.0	0.875	0.5	0.0	0.0	0.987	0.694	0.0	275	0.102	0.0	286	26.6
332	R050_050_050de	0.5	0.0	1.0	0.5	0.0	0.0	0.994	0.717	0.0	272	0.045	0.0	267	20.5
333	R050_050_050de	0.5	0.125	0.5	0.5	0.0	0.0	0.691	0.539	0.0	378	1.0	0.0	515	47.2
334	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	349	1.0	0.0	476	64.9
335	R050_050_050de	0.5	0.375	0.312	0.5	0.124	372	0.663	0.548	0.0	315	0.739	0.0	429	65.4
336	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.602	0.603	0.0	293	0.407	0.0	402	65.4
337	R050_050_050de	0.5	0.625	0.312	0.5	0.277	312	0.634	0.691	0.0	283	0.273	0.0	348	49.0
338	R050_050_050de	0.5	0.75	0.312	0.5	0.203	293	0.736	0.736	0.0	285	0.126	0.0	319	38.4
339	R050_050_050de	0.5	0.875	0.312	0.5	0.126	272	0.808	0.808	0.0	272	0.045	0.0	293	42.5
340	R050_050_050de	0.5	1.0	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
341	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
342	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
343	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
344	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
345	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
346	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
347	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
348	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
349	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
350	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
351	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
352	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
353	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
354	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
355	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
356	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
357	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
358	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
359	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
360	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
361	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
362	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
363	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
364	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
365	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
366	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
367	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
368	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
369	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
370	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
371	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
372	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
373	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
374	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
375	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
376	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
377	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
378	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
379	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
380	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
381	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.0	0.0	476	64.9
382	R050_050_050de	0.5	0.25	0.5	0.375	0.312	390	0.689	0.548	0.0	315	0.739	0.0	429	65.4
383	R050_050_050de	0.5	0.375	0.312	0.5	0.277	312	0.736	0.736	0.0	283	0.126	0.0	319	38.4
384	R050_050_050de	0.5	0.5	0.375	0.312	0.349	330	0.808	0.808	0.0	272	0.045	0.0	293	42.5
385	R050_050_050de	0.5	0.625	0.312	0.5	0.203	293	0.888	0.888	0.0	268	0.002	0.0	267	20.5
386	R050_050_050de	0.5	0.75	0.312	0.5	0.126	272	0.888	0.888	0.0	268	0.002	0.0	267	20.5
387	R050_050_050de	0.5	0.875	0.312	0.5	0.045	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
388	R050_050_050de	0.5	1.0	0.312	0.5	0.002	254	0.888	0.888	0.0	268	0.002	0.0	267	20.5
389	R050_050_050de	0.5	0.125	0.5	0.5	0.124	390	0.691	0.548	0.0	349	1.			



TUB material: code=rha4ta
nyn6* (CMYK)

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

TTUB-test chart PE55; hue plane red – green
colors and differences, ΔE^* , 3D=1, de=1, cmyk*



TUB material: code=rha4ta
nyn6* (CMYK)

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

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PE550-7N Page 20/26-F
pF4300L 120830.TX.T 1080 colors Separation cmvng6*

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n	HC*File	rgb*File	lch*File	hsa*File	rgb*File	LabCh*File	cmyk*sepFile	hsa*File	rgb*File	LabCh*File
972	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
973	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
974	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
975	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
976	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
977	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
978	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
979	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
980	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
981	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
982	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
983	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
984	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
985	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
986	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
987	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
988	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
989	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
990	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
991	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
992	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
993	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
994	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
995	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
996	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
997	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
998	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
999	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1000	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1001	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1002	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1003	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1004	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1005	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1006	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1007	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
1008	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1009	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1010	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1011	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1012	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1013	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1014	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1015	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1016	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
1017	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1018	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1019	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1020	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1021	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1022	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1023	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1024	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1025	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
1026	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1027	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1028	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1029	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1030	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1031	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1032	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1033	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1034	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
1035	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1036	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1037	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1038	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1039	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1040	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1041	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1042	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1043	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4
1044	NW_000de	0.0	0.0	0.0	0.0	17.7	0.0	360	1.0	95.4
1045	NW_012de	0.125	0.125	0.125	0.125	17.7	0.0	360	1.0	95.4
1046	NW_025de	0.25	0.25	0.25	0.25	37.1	0.0	360	1.0	95.4
1047	NW_037de	0.375	0.375	0.375	0.375	46.8	0.0	360	1.0	95.4
1048	NW_050de	0.5	0.5	0.5	0.5	56.5	0.0	360	1.0	95.4
1049	NW_062de	0.625	0.625	0.625	0.625	66.3	0.0	360	1.0	95.4
1050	NW_075de	0.75	0.75	0.75	0.75	76.0	0.0	360	1.0	95.4
1051	NW_087de	0.875	0.875	0.875	0.875	85.7	0.0	360	1.0	95.4
1052	NW_100de	1.0	1.0	1.0	1.0	95.4	0.0	360	1.0	95.4

PE4300L_120830.TXT, 1080 colors, Separation cmyk6*

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

PE55-7N, Page 25/26-F

TUB-test chart PE55; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, *cmyk**

I-1132430-F0

I-1132430-F0

TUB registration: 20150701-PE55/PE55L0FA.TXT /.PS
application for measurement of offset print output, separation cmyk6* (CMYK)

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/PE55/PE55.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

<http://130.149.60.45/~farbmetrik/PE55/PE55L0FA.TXT /.PS; 3D-linearization>
F: 3D-linearization PE55/PE55LE30FA.DAT in file (F), page 26/26

n	HbC*File	rgb*File	icL*File	hsa*File	rgb*File	LabC*File	cmyn*sepFile	cmyn*File	hsM*de	rgb*File	LabC*File	delta
1053	NW_086de	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 0.007 0.007	0.179 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1054	NW_093de	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	0.002 0.005 0.005	0.084 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1055	NW_100de	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	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1056	NW_006de	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	0.139 0.022 0.022	0.933 0.871 0.825	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1057	NW_013de	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	0.0 0.043 0.048	0.871 0.825 0.781	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1058	NW_020de	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	0.057 0.036 0.036	0.781 0.731 0.672	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1059	NW_026de	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	0.013 0.015 0.015	0.672 0.628 0.541	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1060	NW_033de	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	0.016 0.016 0.016	0.541 0.478 0.405	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1061	NW_040de	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	0.019 0.018 0.018	0.405 0.322 0.26	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1062	NW_046de	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	0.021 0.007 0.007	0.322 0.26 0.179	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1063	NW_053de	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	0.006 0.005 0.005	0.179 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1064	NW_059de	0.59 0.59 0.59	0.59 0.59 0.59	0.59 0.59 0.59	0.59 0.59 0.59	64.3 0.0 0.0	0.002 0.011 0.011	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1065	NW_066de	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	0.007 0.007 0.007	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1066	NW_073de	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	0.024 0.024 0.024	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1067	NW_080de	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	0.007 0.007 0.007	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1068	NW_086de	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 0.007 0.007	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1069	NW_093de	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	0.002 0.005 0.005	0.084 0.084 0.084	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1070	NW_100de	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	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1071	NW_006de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1072	NW_013de	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.1 0.1 0.1	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1073	NW_020de	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1074	NW_026de	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.266 0.266 0.266	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1075	NW_033de	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1076	NW_040de	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.4 0.4 0.4	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1077	NW_046de	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.466 0.466 0.466	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1078	NW_053de	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.533 0.533 0.533	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0
1079	NW_059de	0.59 0.59 0.59	0.59 0.59 0.59	0.59 0.59 0.59	0.59 0.59 0.59	0.0 0.0 0.0	0.0 0.0 0.0	1.0 0.0 0.0	360 360 360	1.0 1.0 1.0	95.4 95.4 95.4	0.0 0.0 0.0

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PE550-7N, Page 26/26-F

PE4300L_120830.TXT, 1080 colors, Separation cmyk6*

TUB-test chart PE55; hue plane red - green
colors and differences, ΔE^* , 3D=1, de=1, cmyk*

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

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