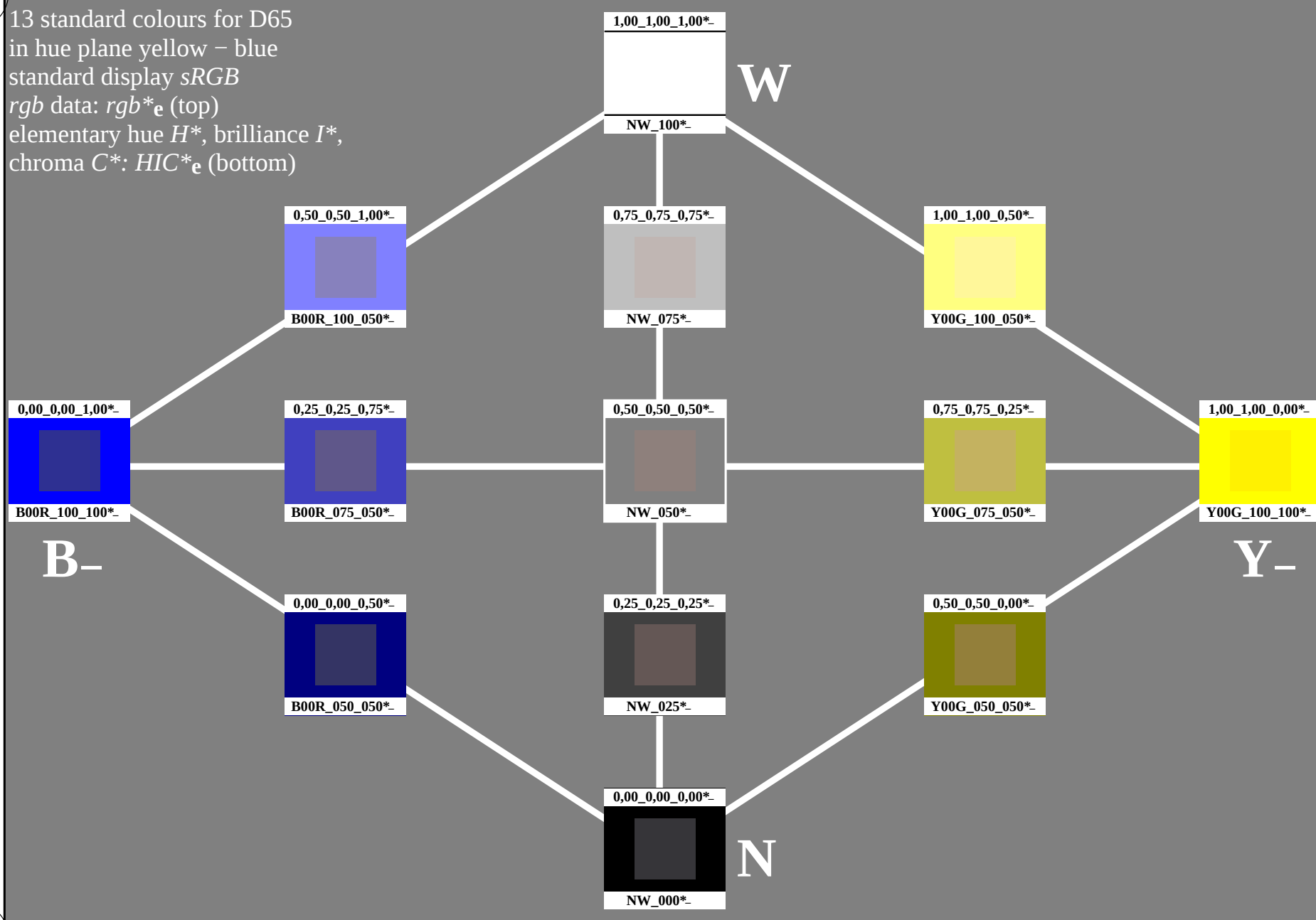


13 standard colours for D65
in hue plane yellow – blue
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)

see similar files: <http://130.149.60.45/~farbmetrik/PE62/PE62.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE62/PE62L0FP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta



1-113030-L0

PE620-7N

TUB-test chart PE62; hue plane yellow – blu
13 standard colours for D65

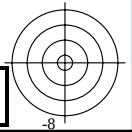
input: *rgb/cmyk* -> *rgb/cmyk*
output: no change



see similar files: <http://130.149.60.45/~farbmetrik/PE62/PE62.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20150701-PE62/PE62L0FP.PDF /.PS
 application for measurement of display output, no separation

TUB material: code=rha4ta



13 standard colours for D65

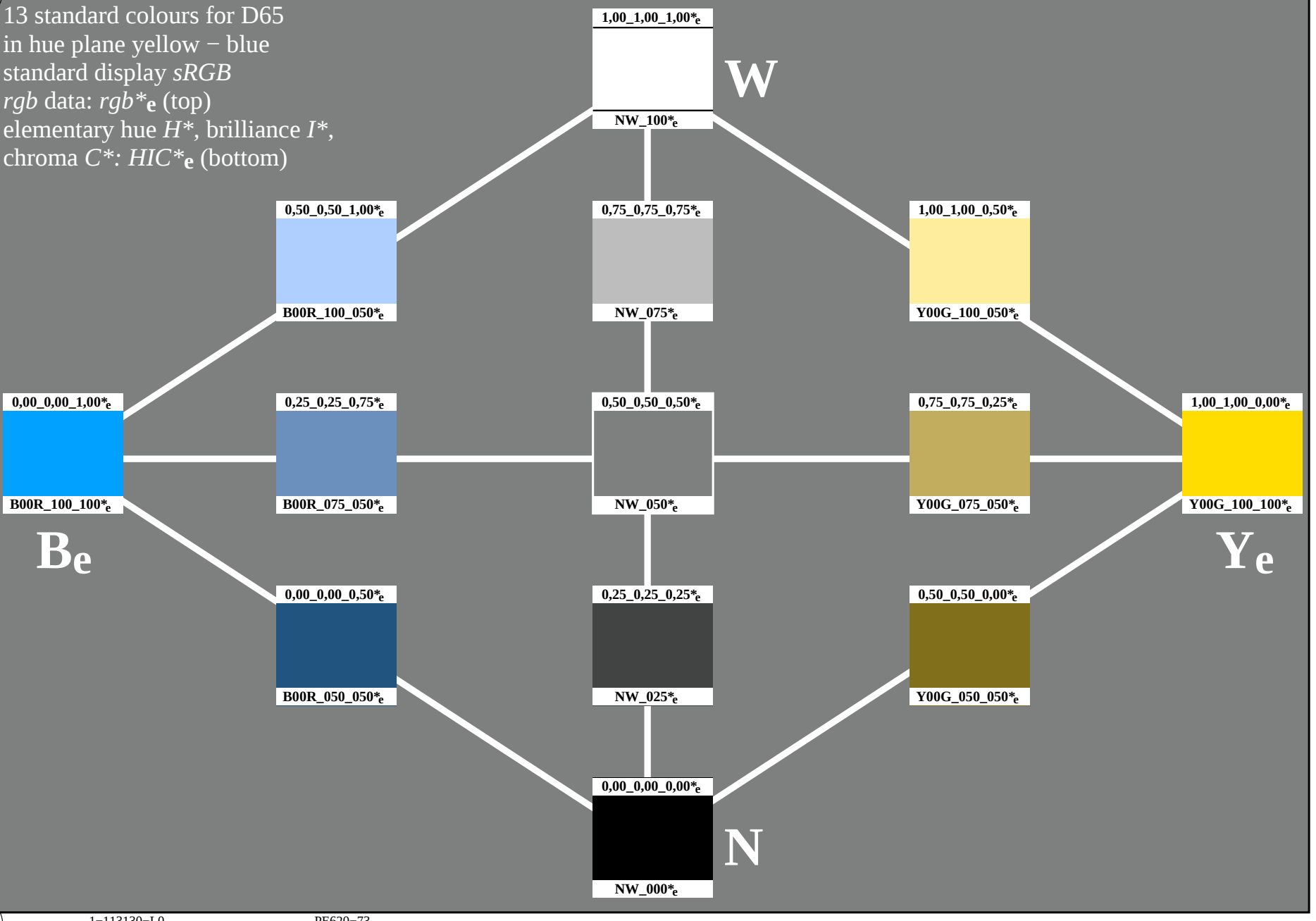
in hue plane yellow – blue

standard display *sRGB*

rgb data: rgb^*_e (top)

elementary hue H^* , brilliance I^* ,

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

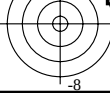


1-113130-L0

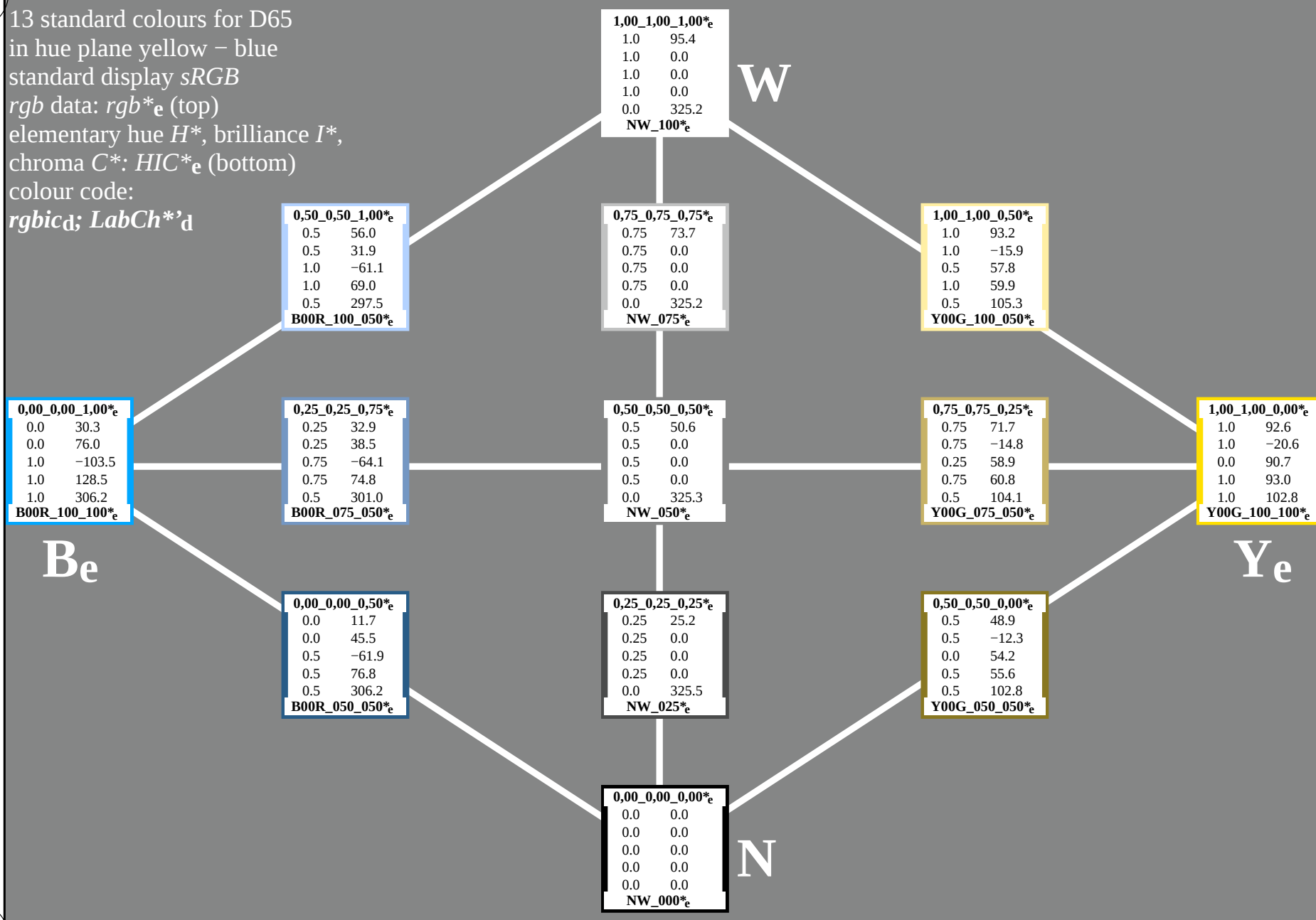
PE620-73

TUB-test chart PE62; hue plane yellow – blu
 13 standard colours for D65, 3D=1, $de=1^*$

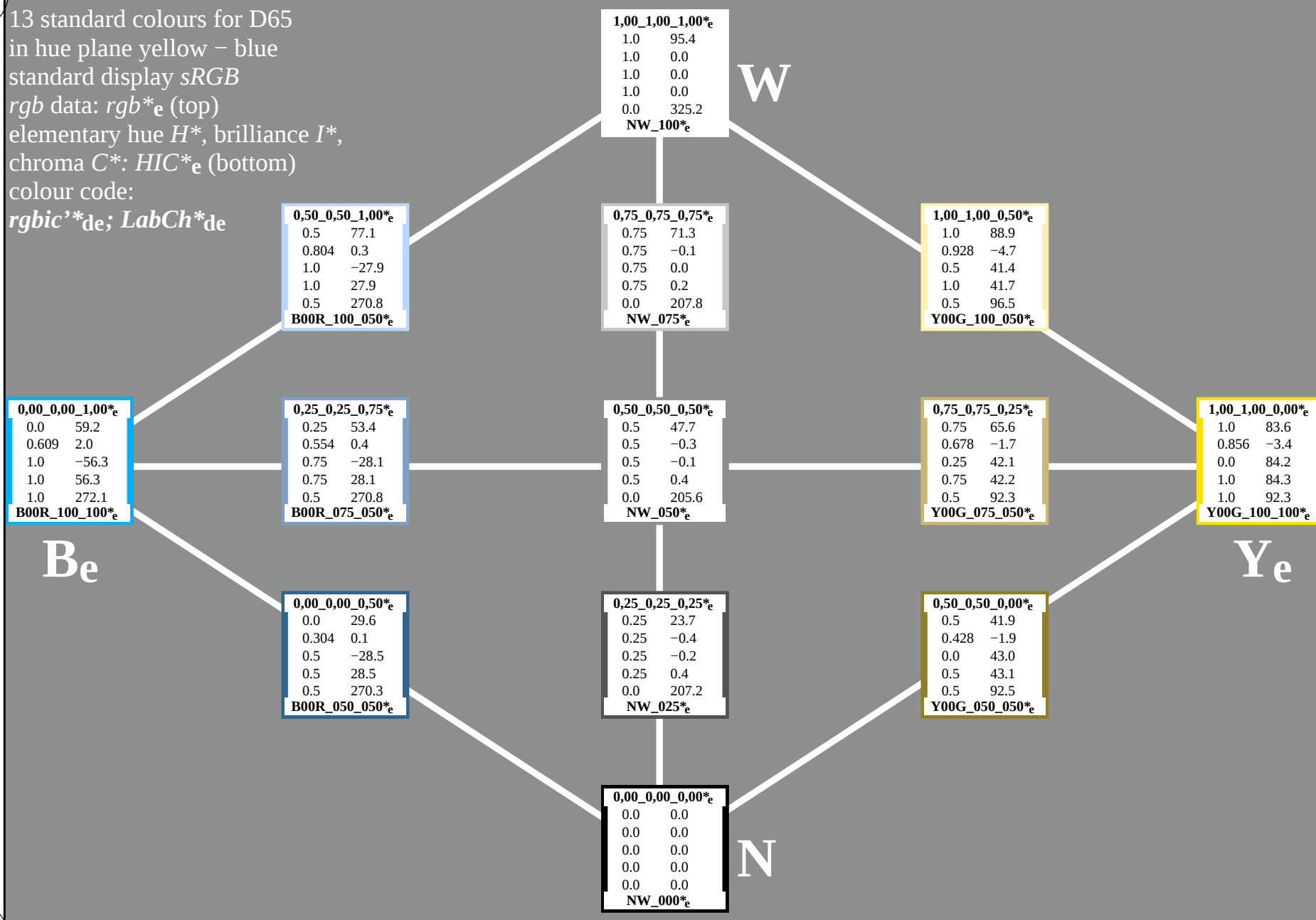
input: $rgb/cmyk \rightarrow rgb_{de}$
 output: 3D-linearization to rgb^*_{de}



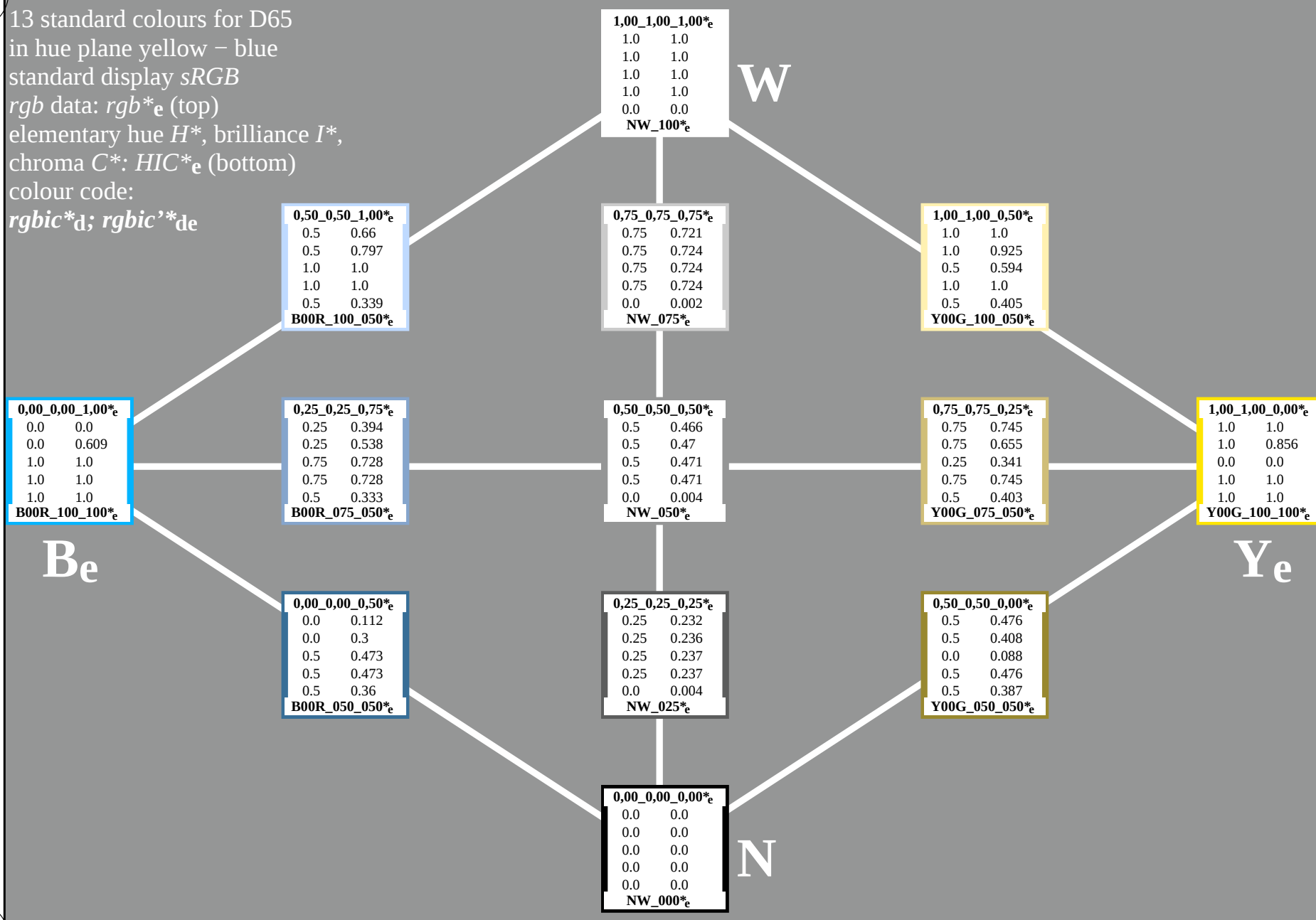
13 standard colours for D65
in hue plane yellow – blue
standard display *sRGB*
rgb data: rgb^*_e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*_e (bottom)
colour code:
 $rgbicd$; $LabCh^*_d$



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



13 standard colours for D65
in hue plane yellow – blue
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 yellow – blue
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_0,50_1,00*_e	
77.3	77.1
0.8	0.3
-28.3	-27.9
28.3	0.6
271.7	270.8
B00R_100_050*_e	

0,00_0,00_1,00*_e	
59.2	59.2
1.7	2.0
-56.6	-56.3
56.6	0.4
271.7	272.1
B00R_100_100*_e	

0,25_0,25_0,75*_e	
53.4	53.4
0.8	0.4
-28.3	-28.1
28.3	0.4
271.7	270.8
B00R_075_050*_e	

0,00_0,00_0,50*_e	
29.6	29.6
0.8	0.1
-28.3	-28.5
28.3	0.7
271.7	270.3
B00R_050_050*_e	

1,00_1,00_1,00*_e	
95.4	95.4
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	325.2
NW_100*_e	

0,75_0,75_0,75*_e	
71.5	71.3
0.0	-0.1
0.0	0.0
0.0	0.2
0.0	207.8
NW_075*_e	

0,50_0,50_0,50*_e	
47.7	47.7
0.0	-0.3
0.0	-0.1
0.0	0.4
0.0	205.6
NW_050*_e	

0,25_0,25_0,25*_e	
23.8	23.7
0.0	-0.4
0.0	-0.2
0.0	0.4
0.0	207.2
NW_025*_e	

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
0.0	0.0
NW_000*_e	

W

1,00_1,00_0,50*_e	
89.5	88.9
-1.7	-4.7
42.2	41.4
42.2	3.2
92.3	96.5
Y00G_100_050*_e	

0,75_0,75_0,25*_e	
65.7	65.6
-1.7	-1.7
42.2	42.1
42.2	0.1
92.3	92.3
Y00G_075_050*_e	

1,00_1,00_0,00*_e	
83.7	83.6
-3.4	-3.4
84.5	84.2
84.5	0.2
92.3	92.3
Y00G_100_100*_e	

Ye

0,50_0,50_0,00*_e	
41.8	41.9
-1.7	-1.9
42.2	43.0
42.2	0.8
92.3	92.5
Y00G_050_050*_e	

N

1-113530-L0

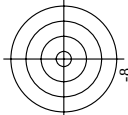
PE620-73

TUB-test chart PE62; hue plane yellow – blu
13 standard colours for D65, 3D=1, de=1*

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

TUB registration: 20150701-PE62/PE62L0FP.PDF /.PS
application for measurement of display output, no separation

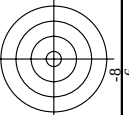
TUB material: code=rha4ta



TUB material: code=rha4ta

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

[illegible]



TUB material: code=rha4ta

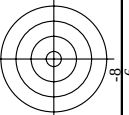
input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to rgb^*_{de}

0.0 — 7 min

DEF 620-7N Page 10/22-E

TUB-test chart PE62; hue plane yellow – blue colors and differences. ΔE^*_{ab} ; 3D=1. de=1*

113030 FO



TUB material: code=rha4ta

TUB-test chart PE62; hue plane yellow – blue colors and differences, ΔE^* , 3D=1, de=1*

TUB registration: 20150701-PE62/PE62L0FP.PDF /.PS TUB material: code=rha4ta
 application for measurement of display output, no separation

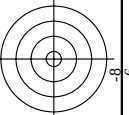
see similar files: <http://130.149.60.45/~farbmatrik/PE62/PE62.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

http://130.149.60.45/~farbmatrik/PE62/PE62L0FP.PDF /PS; 3D-linearization
F: 3D-linearization PE62/PE62LE30FP.DAT in file (F), page 13/22

TU8-test chart PE62; hue plane yellow - blue colors and differences, ΔE^* , 3D=1, de=1*

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

[illegible]

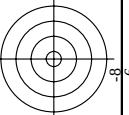


TUB material: code=rha4ta

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

DEF 620-7N Page 14/22-F

[illegible]

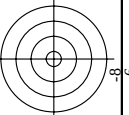


TUB material: code=rha4ta

TTUB-test chart PE62; hue plane yellow - blue colors and differences, ΔE^* , 3D=1, de=1*

Mean color difference of this page: $\Delta E^* = 0.4$

[illegible]



TUB material: code=rha4ta

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

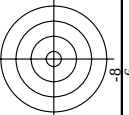
Mean color difference of this page: $\Delta E^* = 2.5$

Mean color difference of this page:

http://130.149.60.45/~farbmatrik/PE62/PE62L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE62/PE62LE30FP.DAT in file (F), page 19/22

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

n	HiC*File	rgb*File	icr*File	hsa*File	rgb*File	LabCH*File	0	Y	M	C	Delta E*
810	NW_100.025de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
811	BOOR_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
812	BOOR_100.037de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
813	BOOR_100.050de	0.5 0.5 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
814	BOOR_100.062de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
815	BOOR_100.075de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
816	BOOR_100.087de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
817	BOOR_100.100de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
818	YOGC_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
819	NW_087de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
820	BOOR_087.012de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
821	BOOR_087.025de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
822	BOOR_087.037de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
823	BOOR_087.050de	0.5 0.5 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
824	BOOR_087.062de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
825	BOOR_087.075de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
826	BOOR_087.087de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
827	BOOR_087.100de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
828	YOGC_100.025de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
829	YOGC_100.037de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
830	NW_075de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
831	BOOR_075.012de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
832	BOOR_075.025de	0.5 0.5 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
833	BOOR_075.037de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
834	BOOR_075.050de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
835	BOOR_075.062de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
836	BOOR_075.075de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
837	YOGC_100.037de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
838	YOGC_100.050de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
839	YOGC_087.025de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
840	NW_062de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
841	BOOR_062.012de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
842	BOOR_062.025de	0.5 0.5 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
843	BOOR_062.037de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
844	BOOR_062.050de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
845	BOOR_062.062de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
846	YOGC_100.050de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
847	YOGC_087.037de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
848	YOGC_087.050de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
849	NW_050de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
850	BOOR_050.012de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
851	BOOR_050.025de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
852	BOOR_050.037de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
853	BOOR_050.050de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
854	BOOR_050.062de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
855	YOGC_100.062de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
856	YOGC_087.050de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
857	YOGC_062.037de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
858	YOGC_062.050de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
859	NW_037de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
860	BOOR_037.012de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
861	BOOR_037.025de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
862	BOOR_037.037de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
863	YOGC_100.075de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
864	YOGC_062.062de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
865	YOGC_062.075de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
866	YOGC_050.025de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
867	YOGC_050.037de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
868	YOGC_050.050de	0.25 0.25 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
869	YOGC_037.012de	0.375 0.375 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
870	NW_025de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
871	BOOR_025.012de	0.125 0.125 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
872	BOOR_025.025de	0.0 0.0 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
873	YOGC_100.087de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
874	YOGC_087.075de	0.875 0.875 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
875	YOGC_075.062de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
876	YOGC_062.050de	0.625 0.625 1.0	1.0 1.0 1.0	360 270	0.875 0.951 1.0	95.4 0.0 0.0	0.0	0.0	0.0	0.0	0.0
877											

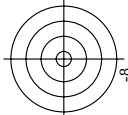


TUB material: code=rha4ta

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

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[illegible]



TUB material: code=rha4ta

TUB-test chart PE62; hue plane yellow – blue

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

[illegible]

