

http://130.149.60.45/~farbmeterik/PE98/PE98L0FP.PDF /.PS; start output
F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 1/33

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 31/360 = 0.08$

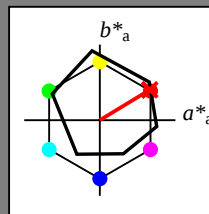
Data for any device (d) or elementary (e) colour:

HIC^*_-

hue text for the colours of this page:

$H^*_- = R00Y_-$

triangle lightness T^*



ORS18a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{-,Ma}	47.9	65.3	50.5	82.6	37
Y _{-,Ma}	90.3	-10.2	91.7	92.3	96
G _{-,Ma}	50.9	-62.8	34.9	71.9	150
C _{-,Ma}	58.6	-30.3	-45.0	54.2	236
B _{-,Ma}	25.7	31.0	-44.4	54.2	305
M _{-,Ma}	48.1	75.2	-8.3	75.7	353
N _{-,Ma}	18.0	0.0	0.0	0.0	0
W _{-,Ma}	95.4	0.0	0.0	0.0	0
R _{-,CIE}	39.9	58.7	27.9	65.0	25
Y _{-,CIE}	81.2	-2.8	71.5	71.6	92
G _{-,CIE}	52.2	-42.4	13.6	44.5	162
B _{-,CIE}	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{-,Ma}$: 48 66 40 77 31

$HIC^*_{-,Ma}$: R00Y_100_100_

$rgbic^*_{-,Ma}$:

1.0 0.0 0.0 1.0 1.0

triangle lightness T^*

% Gamut

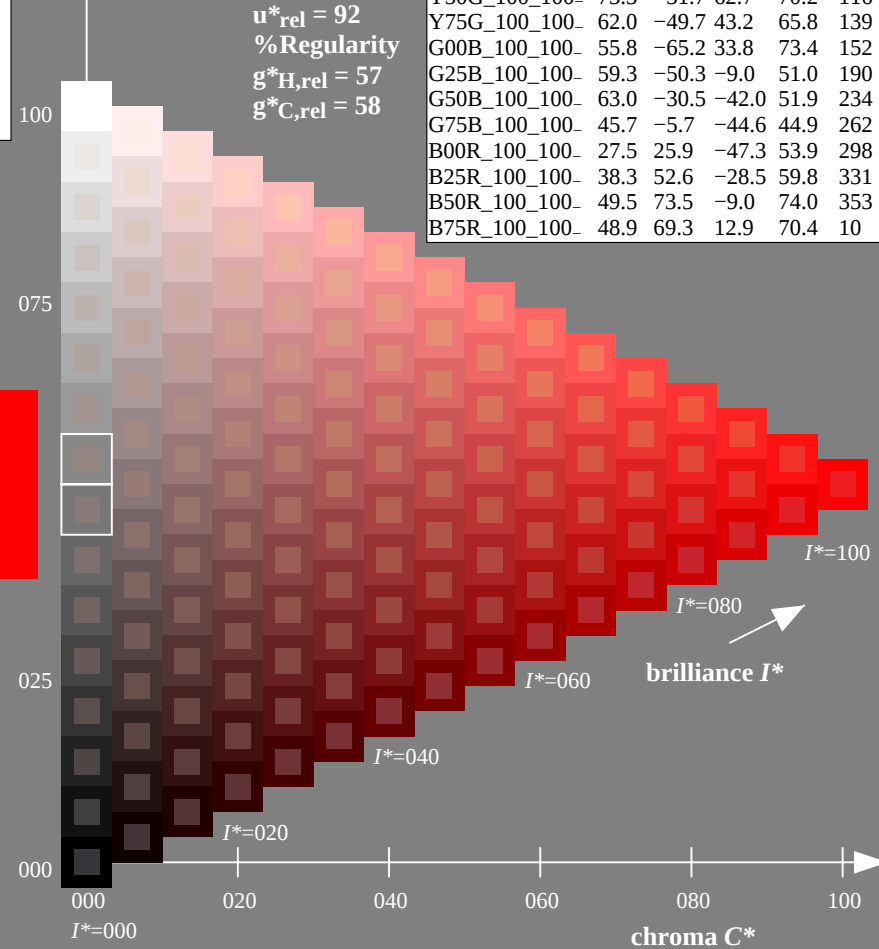
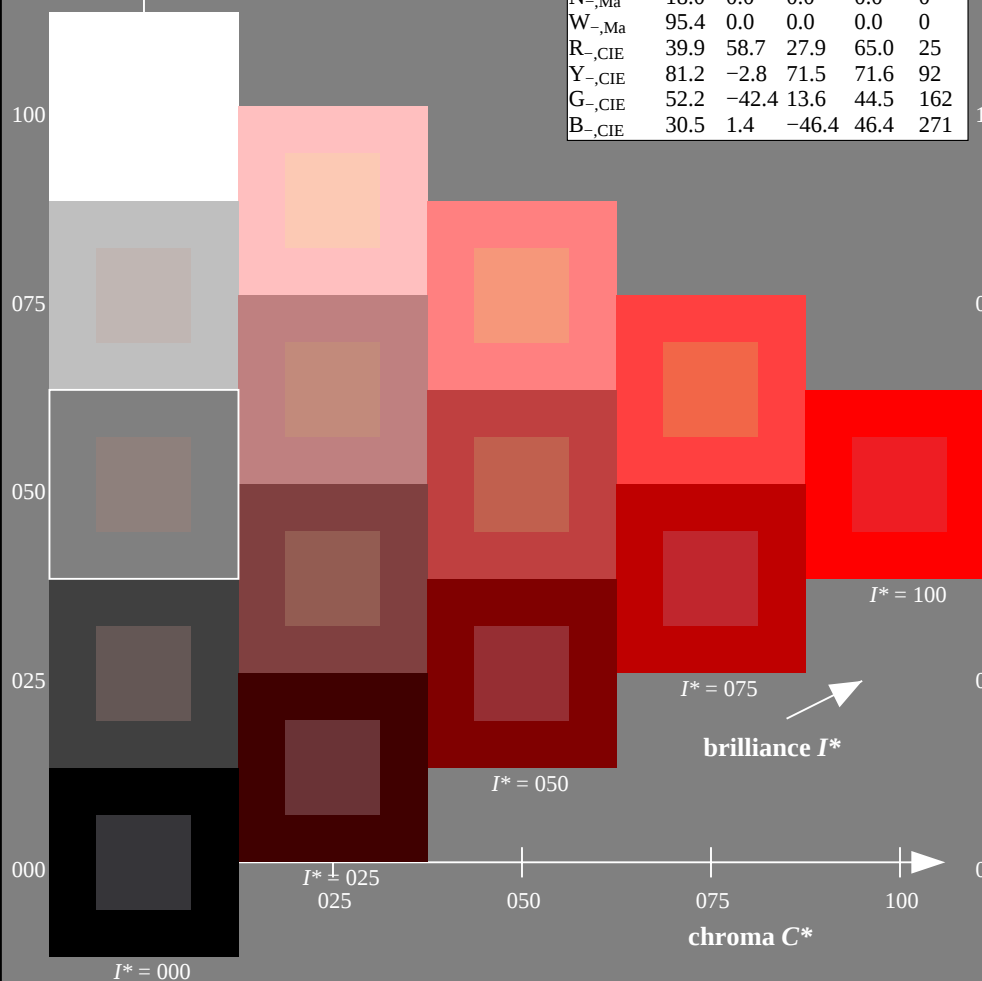
$u^*_{rel} = 92$

% Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; adapted (a) CIELAB data					
H^*_-	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_	48.4	66.1	40.2	77.3	31
R25Y_100_100_	56.8	48.0	50.5	69.6	46
R50Y_100_100_	68.6	25.0	63.9	68.6	68
R75Y_100_100_	80.6	4.8	77.2	77.3	86
Y00G_100_100_	90.2	-9.6	88.2	88.7	96
Y25G_100_100_	83.2	-18.4	79.9	81.9	102
Y50G_100_100_	73.3	-31.7	62.7	70.2	116
Y75G_100_100_	62.0	-49.7	43.2	65.8	139
G00B_100_100_	55.8	-65.2	33.8	73.4	152
G25B_100_100_	59.3	-50.3	-9.0	51.0	190
G50B_100_100_	63.0	-30.5	-42.0	51.9	234
G75B_100_100_	45.7	-5.7	-44.6	44.9	262
B00R_100_100_	27.5	25.9	-47.3	53.9	298
B25R_100_100_	38.3	52.6	-28.5	59.8	331
B50R_100_100_	49.5	73.5	-9.0	74.0	353
B75R_100_100_	48.9	69.3	12.9	70.4	10



TUB-test chart PE98; hue code: $H^*_- = R00Y_-$
Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

$H^*_e = R00Y_e$

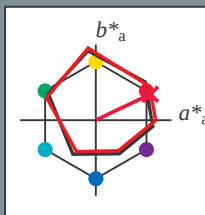
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours of this page:

$H^*_e = R00Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

$rgbic^*_{e,Ma}$:

1.0 0.0 0.25 1.0 1.0

triangle lightness T^*

% Gamut

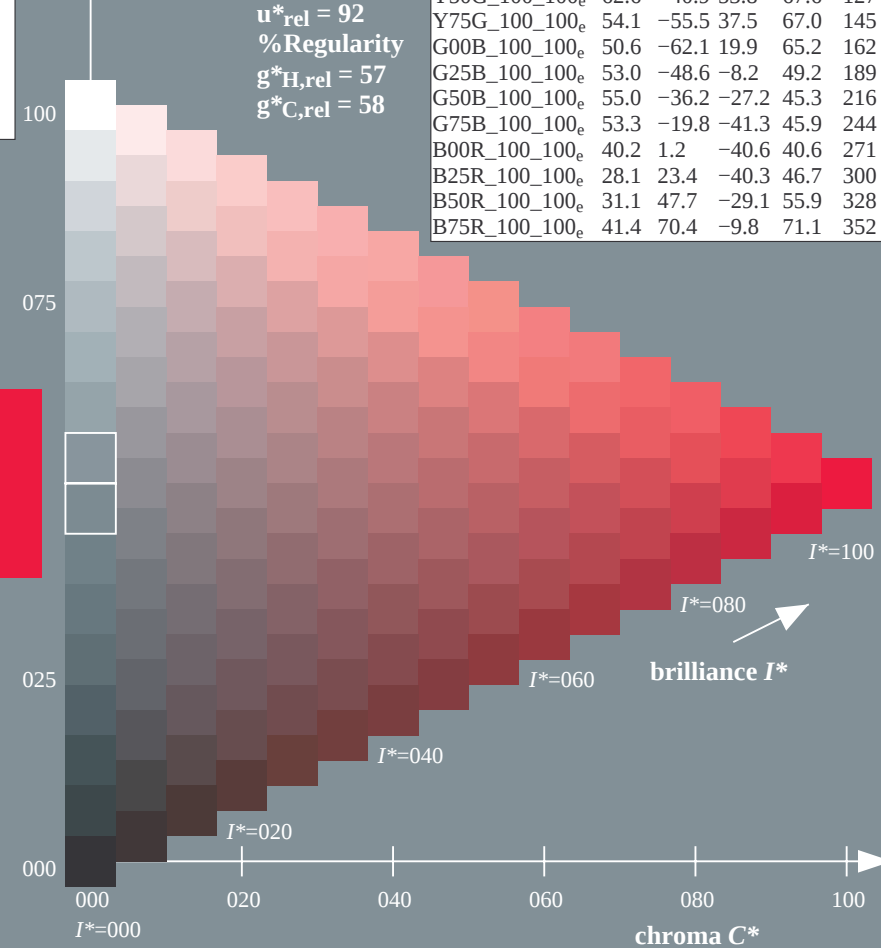
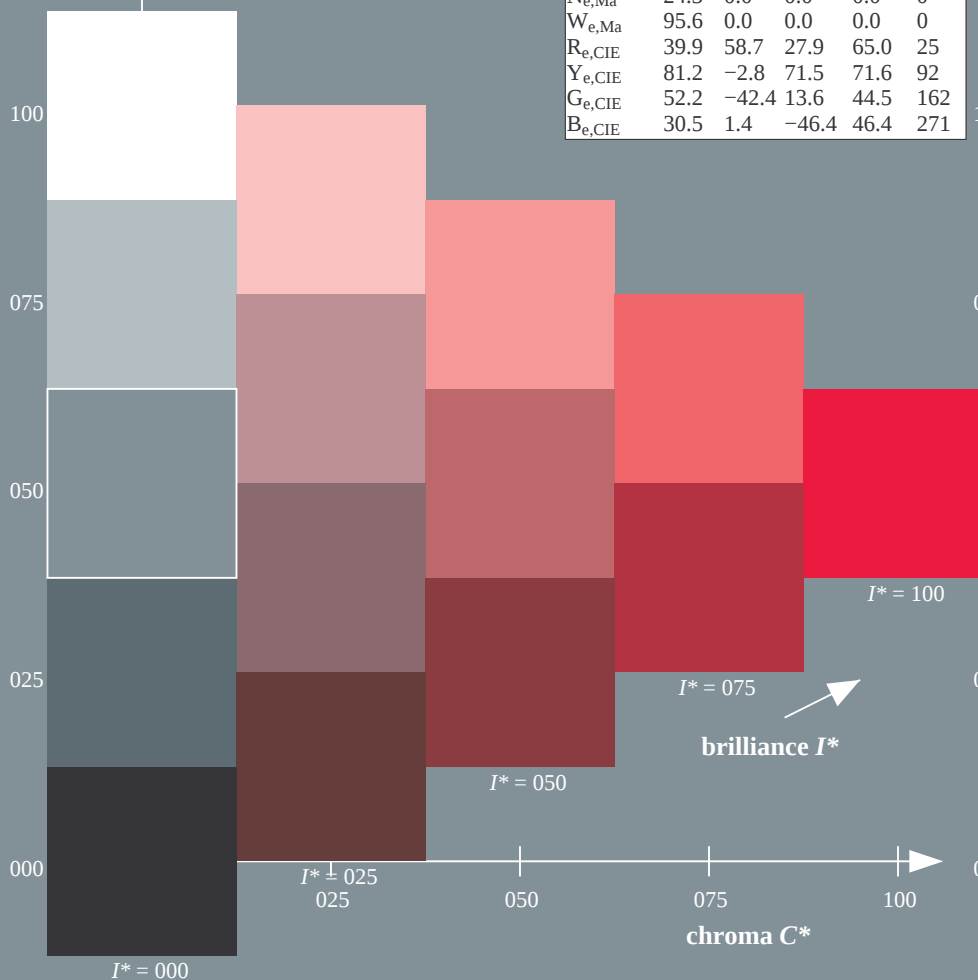
$u^*_{rel} = 92$

% Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; adapted (a) CIELAB data					
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



TUB-test chart PE98; hue code: $H^*_e = R00Y_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

TUB registration: 20150701-PE98/PE98L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)

TUB material: code=rha4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

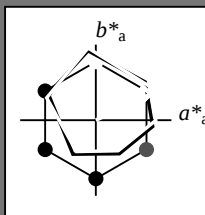
Data for any device (d) or elementary (e) colour:

HIC^*_e

hue text for the colours
of this page:

$H^*_e = R00Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

$rgbic^*_{e,Ma}$:

1.0 0.0 0.25 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 92$

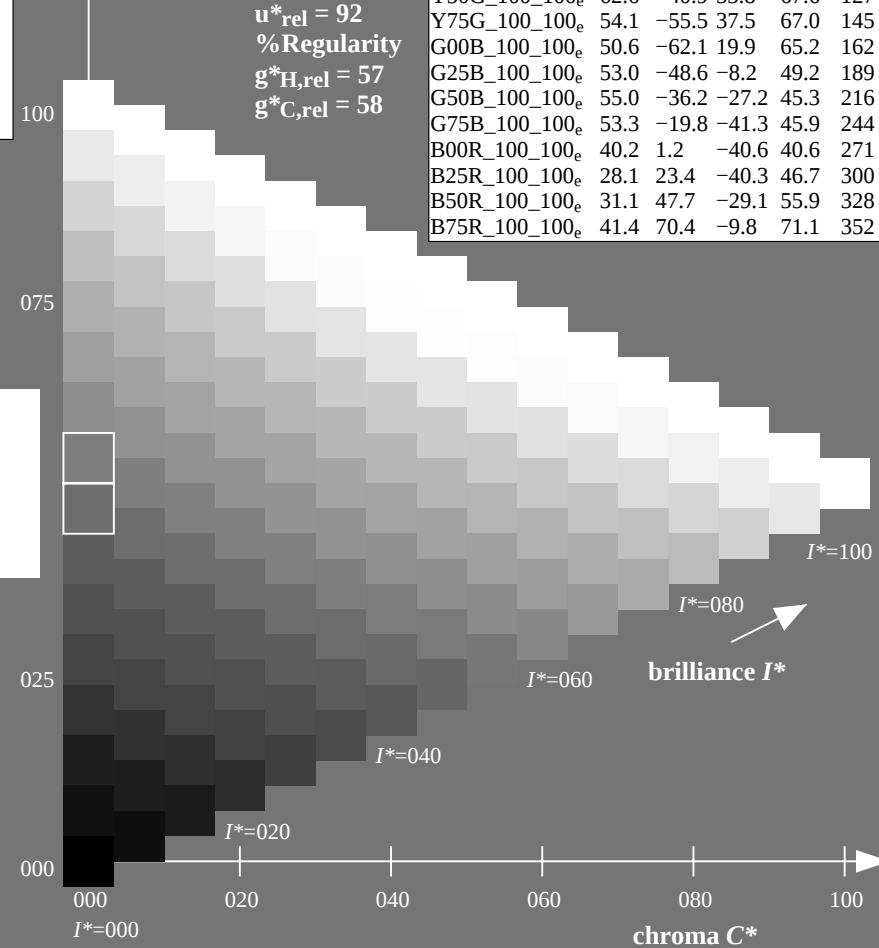
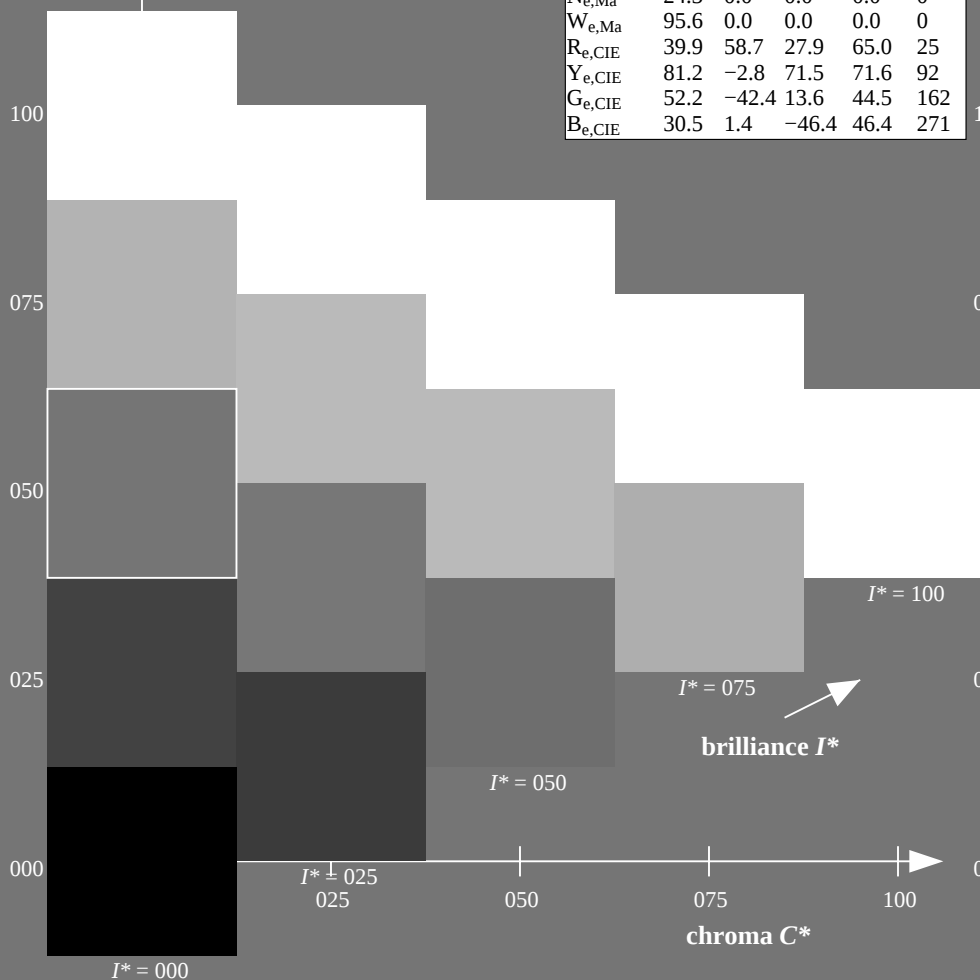
% Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



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TUB-test chart PE98; hue code: $H^*_e=R00Y_e$

Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

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

output: 3D-linearization to $cmY0^*_{de}$

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

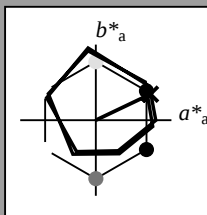
Data for any device (d) or elementary (e) colour:

HIC_e^*

hue text for the colours of this page:

$H_e^* = R00Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data					
name	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh^*_{e,Ma}$: 45 72 34 80 25

$HIC^*_{e,Ma}$: R00Y_100_100_e

$rgbic^*_{e,Ma}$:

1.0 0.0 0.25 1.0 1.0

triangle lightness T^*

% Gamut

$u^*_{rel} = 92$

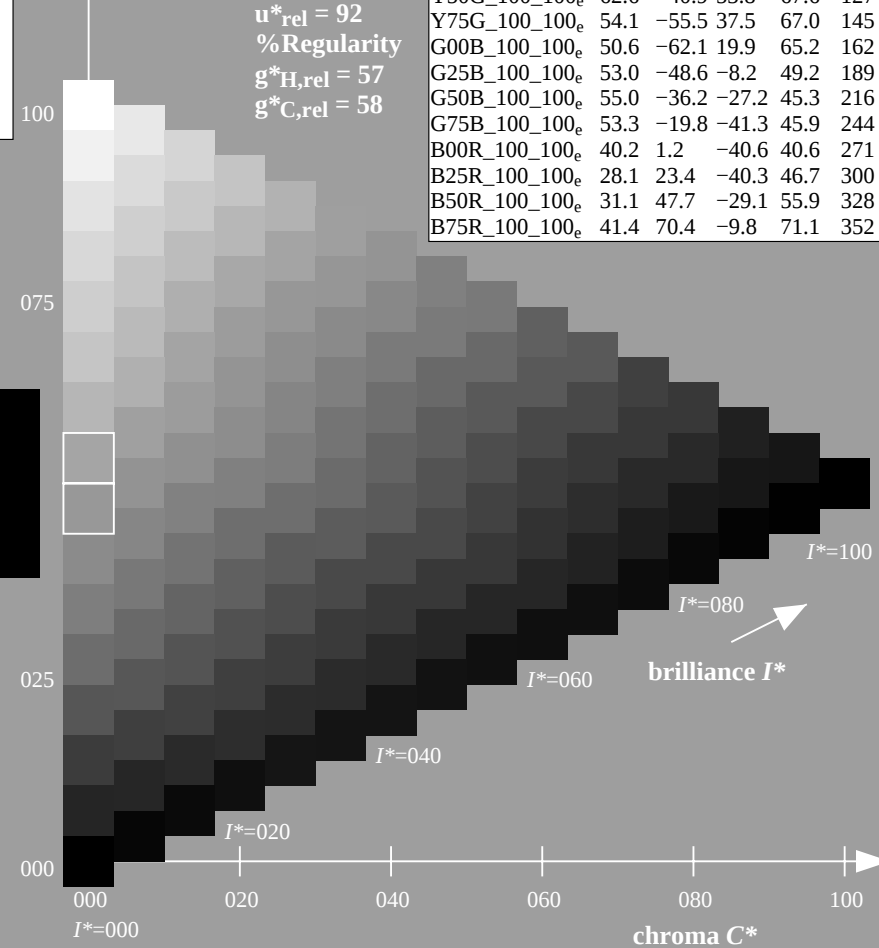
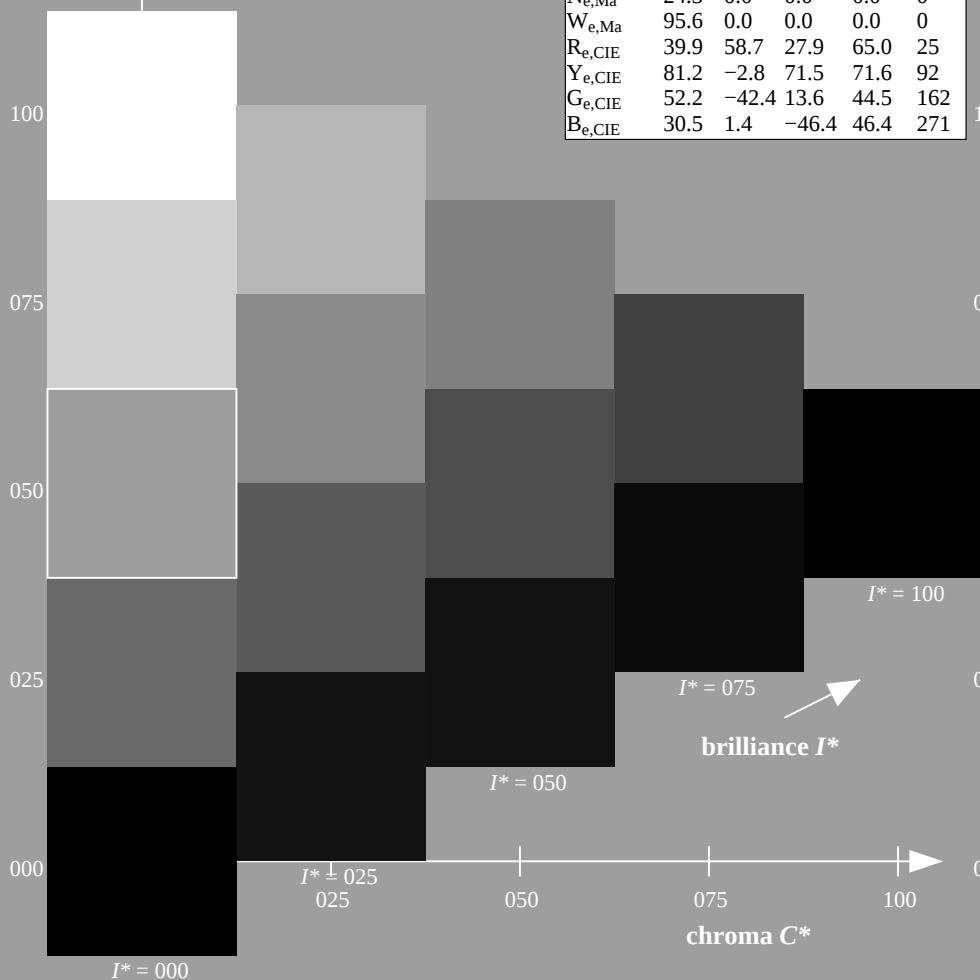
% Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

$H_e^* = R00Y_e$

ORS20a; adapted (a) CIELAB data					
H_e^*	$L^*=L_a^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



TUB-test chart PE98; hue code: $H_e^* = R00Y_e$
Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

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

TUB registration: 20150701-PE98/PE98L0FP.PDF /.PS
application for measurement of offset print output, separation $cmY0^*$ (CMY0)

TUB material: code=rha4ta

Input and Output: Offset Reflective System ORS18a for relative CIELAB hue $h_{ab,a,rel} = h_{ab}/360 = 25/360 = 0.07$

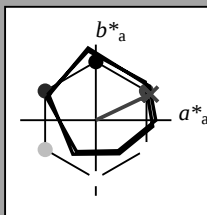
Data for any device (d) or elementary (e) colour:

HIC_e^*

hue text for the colours of this page:

$H_e^* = R00Y_e$

triangle lightness T^*



ORS20a; adapted (a) CIELAB data

name	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
$R_{e,Ma}$	45.6	72.2	34.4	80.0	25
$Y_{e,Ma}$	83.6	-3.6	90.4	90.4	92
$G_{e,Ma}$	50.6	-62.1	19.9	65.2	162
$C_{e,Ma}$	55.0	-36.2	-27.2	45.3	216
$B_{e,Ma}$	40.2	1.2	-40.6	40.6	271
$M_{e,Ma}$	31.1	47.7	-29.1	55.9	328
$N_{e,Ma}$	24.3	0.0	0.0	0.0	0
$W_{e,Ma}$	95.6	0.0	0.0	0.0	0
$R_{e,CIE}$	39.9	58.7	27.9	65.0	25
$Y_{e,CIE}$	81.2	-2.8	71.5	71.6	92
$G_{e,CIE}$	52.2	-42.4	13.6	44.5	162
$B_{e,CIE}$	30.5	1.4	-46.4	46.4	271

Data for maximum colour (Ma):

$LabCh_e^*, Ma$: 45 72 34 80 25

HIC_e^*, Ma : R00Y_100_100_e

$rgbic_e^*, Ma$:

1.0 0.0 0.25 1.0 1.0

triangle lightness T^*

% Gamut

$u_{rel}^* = 92$

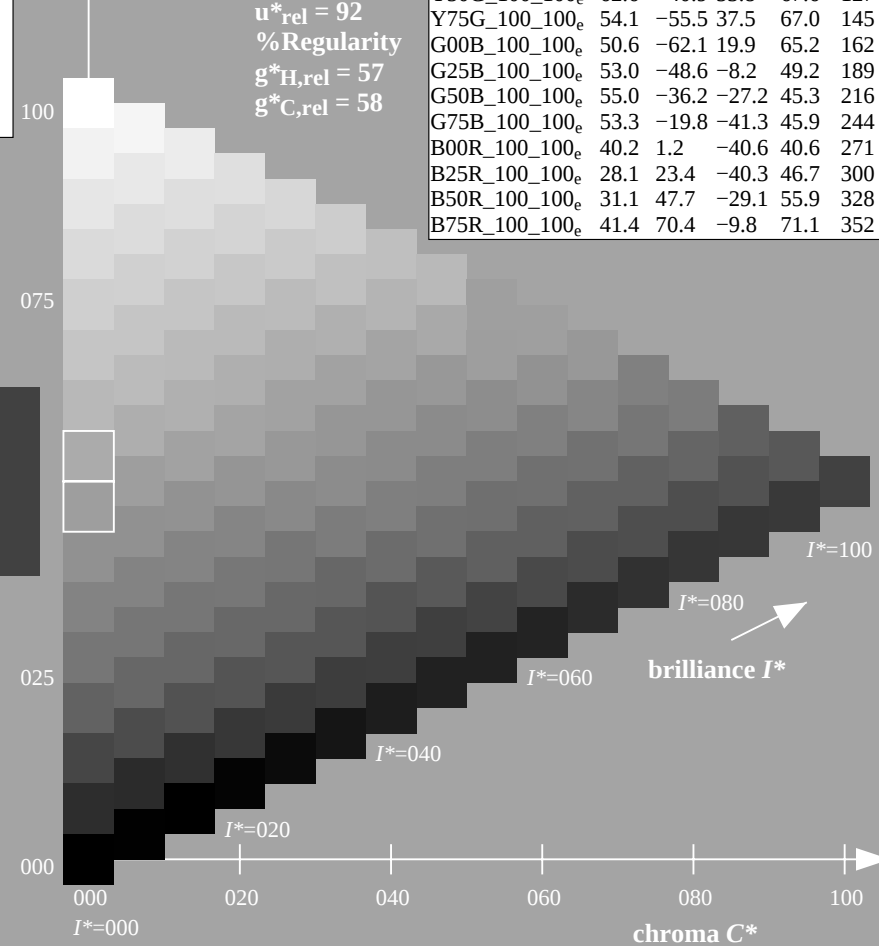
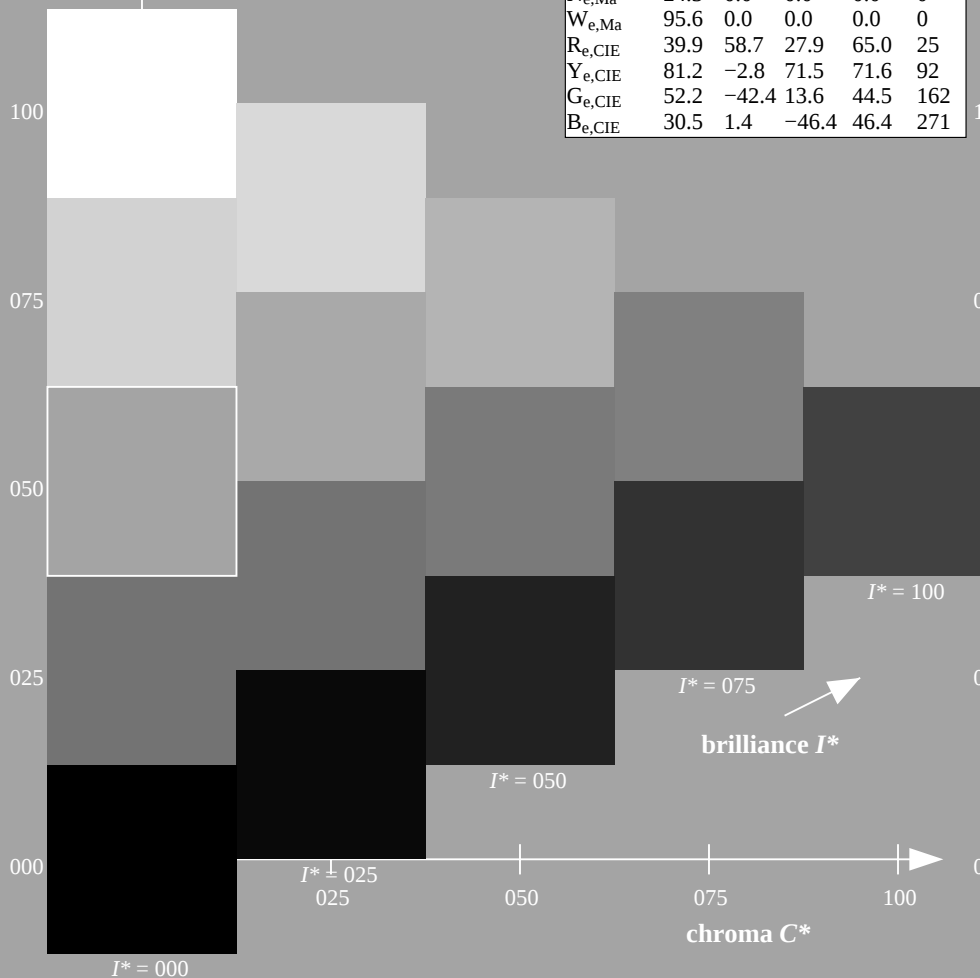
% Regularity

$g_{H,rel}^* = 57$

$g_{C,rel}^* = 58$

ORS20a; adapted (a) CIELAB data

H_e^*	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
R00Y_100_100_e	45.6	72.2	34.4	80.0	25
R25Y_100_100_e	50.5	59.2	51.6	78.6	41
R50Y_100_100_e	60.2	38.2	63.4	74.1	58
R75Y_100_100_e	70.9	17.9	75.9	77.9	76
Y00G_100_100_e	83.6	-3.6	90.4	90.4	92
Y25G_100_100_e	74.5	-25.0	74.3	78.4	108
Y50G_100_100_e	62.6	-40.9	53.8	67.6	127
Y75G_100_100_e	54.1	-55.5	37.5	67.0	145
G00B_100_100_e	50.6	-62.1	19.9	65.2	162
G25B_100_100_e	53.0	-48.6	-8.2	49.2	189
G50B_100_100_e	55.0	-36.2	-27.2	45.3	216
G75B_100_100_e	53.3	-19.8	-41.3	45.9	244
B00R_100_100_e	40.2	1.2	-40.6	40.6	271
B25R_100_100_e	28.1	23.4	-40.3	46.7	300
B50R_100_100_e	31.1	47.7	-29.1	55.9	328
B75R_100_100_e	41.4	70.4	-9.8	71.1	352



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TUB-test chart PE98; hue code: $H_e^* = R00Y_e$

Test chart according to DIN 33872, 3D=1, de=1, $cmY0^*$

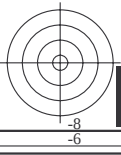
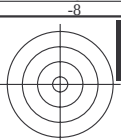
input: $rgb/cmyk \rightarrow rgb_{de}$

output: 3D-linearization to $cmY0_{de}^*$

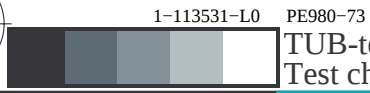
TUB registration: 20150701-PE98/PE98L0FP.PDF /.PS TUB material: code=rha4ta
application for measurement of offset print output, separation $cmY0^*$ (CMY0)



http://130.149.60.45/~farbmetrik/PE98/PE98L0FP.PDF /.PS; 3D-linearization
F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 6/33



see similar files: <http://130.149.60.45/~farbmetrik/PE98/PE98.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

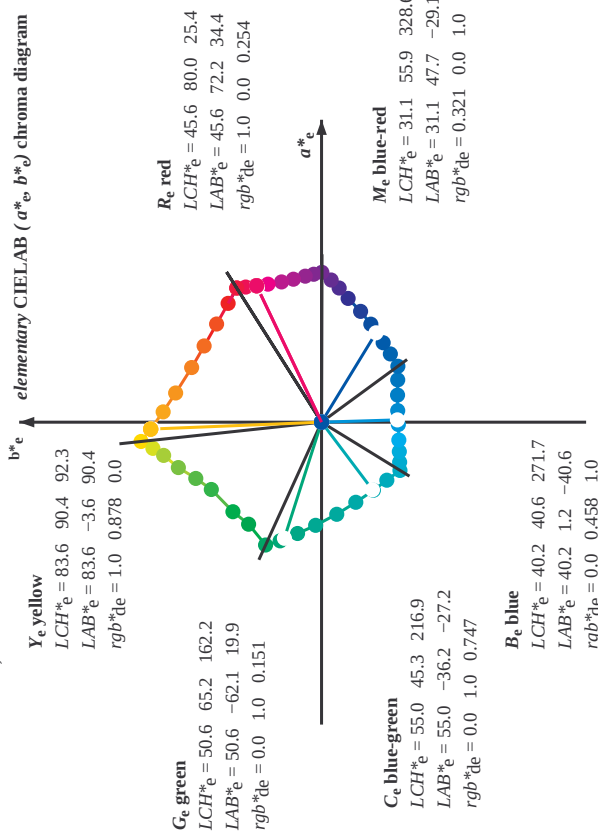
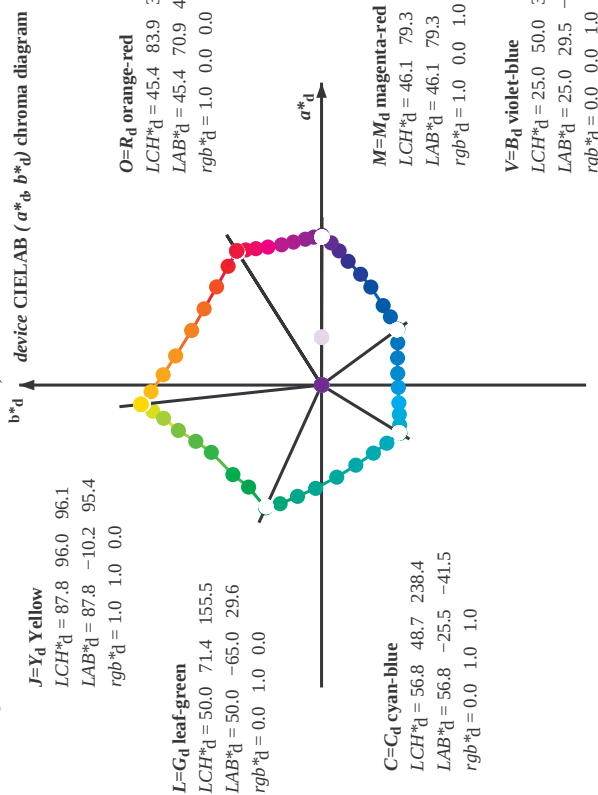


TUB-test chart PE98; hue code: $H^*_e=R00Y_e$
Test chart according to DIN 33872, 3D=1, $de=1$, $cmY0^*$

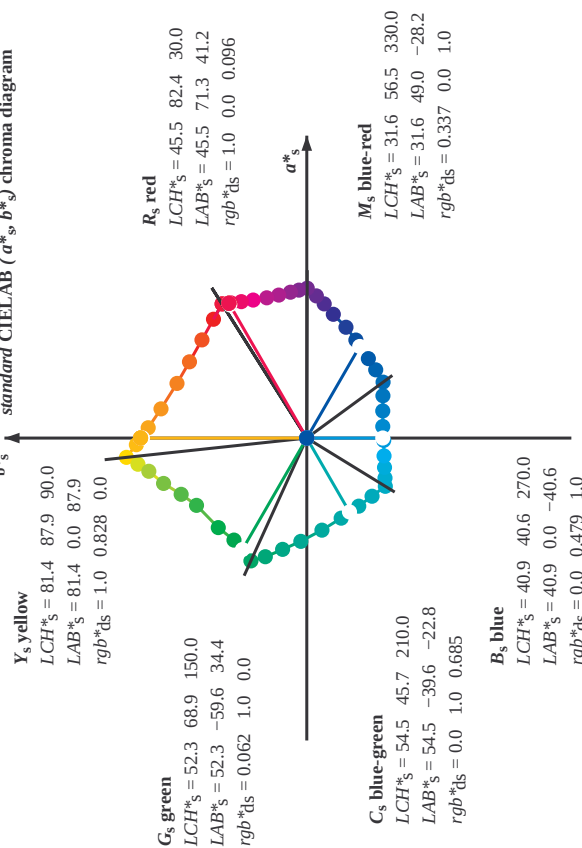
input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmY0^*_{de}$

1-113531-E0

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*. D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



standard CIELAB (a^* , b^*) chroma diagram



Notes to the CIELAB chroma diagrams (a^* , b^*), (a^* , b^*), (a^* , b^*)

1. For the rgb^*_e -input values the CIELAB data LCH^*_e and LAB^*_e have been calculated.
2. For the calculation of the standard hue angle h_{ab} use for any device values rgb^*_e the equation:
$$h_{ab,s} = \arctan \left[\frac{r^* \cos(30) + g^* \sin(30)}{1 - r^* \sin(30) + g^* \sin(150) + b^* \sin(270)} \right] \quad (1)$$
3. For the 48 or 360 equally spaced standard hue angles h_{ab} of the colours of maximum chroma use the seven hue angles of the 60 degree colours e : $h_{ab,e} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
$$h_{48ab,sij} = h_{ab,si} + j \left[\frac{h_{ab,si+1} - h_{ab,si}}{18} \right] \quad (i=0,1,\dots,5; j=0,1,\dots,7) \quad (2)$$
$$h_{360ab,sij} = h_{ab,si} + j \left[\frac{h_{ab,si+1} - h_{ab,si}}{60} \right] \quad (i=0,1,\dots,5; j=0,1,\dots,59) \quad (3)$$
4. For the 48 or 360 elementary hue angles h_{ab} of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
$$h_{48ab,eij} = h_{ab,ei} + j \left[\frac{h_{ab,ei+1} - h_{ab,ei}}{18} \right] \quad (i=0,1,\dots,5; j=0,1,\dots,7) \quad (4)$$
$$h_{360ab,eij} = h_{ab,ei} + j \left[\frac{h_{ab,ei+1} - h_{ab,ei}}{60} \right] \quad (i=0,1,\dots,5; j=0,1,\dots,59) \quad (5)$$
5. For any elementary hue angle h_{ab} there is a well defined device hue angle h_{ab} see the following tables, columns 1 to 5 or 1 to 4.
6. The values rgb^*_e produce the output of the device-independent elementary hues

1-113631-L0 PE980-73 LAB*_{ab}0, YN=0%, XY Z_{nm}=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*_{nm}=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

TUB-test chart PE98; hue code: H*_e=R00Y_e
48 step hue circles; $rgb-LabCh$ -tables

input: $rgb/cmyk \rightarrow rgbde$
output: 3D-linearization to $cmy0^*de$

Output: Offset standard print; separation cmy0*, D65, page 7/33

<http://130.149.60.45/~farbmatrik/PE98/PE98L0FP.PDF> /PS; 3D-linearization
F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 8/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

[illegible]

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

TUB-test chart PE98; hue code: $H^*_e=R00Y_e$
48 step hue circles: *rab-LabCh**tables

see similar files: <http://130.149.60.45/~farbmetrik/PE98/PE98.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Data of Maximum color M in colorimetric system Offset standard print; separation cmv0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

[illegible]

24.4 0.0 0.0 95.6 0.0 0.0

AB* a0	YN=0%	XYZ η w=3.6	4.2	6.1	85.4	89.1	104.8

	-113831-I 0	PF980-73
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TUB-test chart PE98; hue code: $H_e^* = R00Y_e$

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

Output: Offset standard print: separation cmv0*. D65 page 9/33

http://130.149.60.45/~farbmetrik/PE98/PE98LOFP.PDF /.PS; 3D-linearization
F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 13/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*: D65 for input or output; Six hue angles of the 60 degree standard colours RYGBCM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;																			
Six hue angles of the device colours RYGBCM; $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours RYGBCM; $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}	rgb^*_{ds}	rgb^*_{de}
167	165	175	0.0	1.0	0.25	51.0	-60.5	16.2	62.8	165	0.0	1.0	0.25	0.0	1.0	0.364	52.0	-55.0	3.9
168	166	176	0.0	1.0	0.266	51.3	-58.4	11.3	59.5	168	0.0	1.0	0.267	0.0	1.0	0.376	52.0	-54.5	3.0
170	167	177	0.0	1.0	0.283	51.4	-57.9	10.0	58.8	170	0.0	1.0	0.283	0.0	1.0	0.385	52.1	-54.1	2.1
171	168	178	0.0	1.0	0.3	51.5	-57.3	8.7	58.0	171	0.0	1.0	0.3	0.0	1.0	0.394	52.2	-53.8	1.3
172	169	179	0.0	1.0	0.316	51.6	-56.8	7.4	57.3	172	0.0	1.0	0.317	0.0	1.0	0.403	52.2	-53.4	0.4
173	170	180	0.0	1.0	0.333	51.7	-56.2	6.1	56.5	173	0.0	1.0	0.333	0.0	1.0	0.412	52.3	-53.0	-0.3
174	171	181	0.0	1.0	0.35	51.8	-55.5	4.9	55.8	174	0.0	1.0	0.35	0.0	1.0	0.421	52.4	-52.6	-1.2
176	172	182	0.0	1.0	0.366	51.9	-54.9	3.7	55.0	176	0.0	1.0	0.367	0.0	1.0	0.43	52.5	-52.2	-2.0
177	173	183	0.0	1.0	0.383	52.0	-54.2	2.3	54.3	177	0.0	1.0	0.383	0.0	1.0	0.439	52.5	-51.8	-2.8
179	174	184	0.0	1.0	0.4	52.2	-53.6	0.7	53.6	179	0.0	1.0	0.4	0.0	1.0	0.448	52.6	-51.3	-3.6
180	175	185	0.0	1.0	0.416	52.3	-52.8	-0.8	52.9	180	0.0	1.0	0.417	0.0	1.0	0.457	52.7	-50.9	-4.4
182	176	186	0.0	1.0	0.433	52.4	-52.1	-2.3	52.1	182	0.0	1.0	0.433	0.0	1.0	0.466	52.7	-50.4	-5.2
184	177	187	0.0	1.0	0.45	52.6	-51.3	-3.8	51.4	184	0.0	1.0	0.45	0.0	1.0	0.475	52.8	-49.9	-5.9
185	178	188	0.0	1.0	0.466	52.7	-50.4	-5.3	50.7	185	0.0	1.0	0.467	0.0	1.0	0.484	52.9	-49.5	-6.7
187	179	189	0.0	1.0	0.483	52.8	-49.6	-6.6	50.0	187	0.0	1.0	0.483	0.0	1.0	0.493	52.9	-49.0	-7.4
189	180	189	0.0	1.0	0.5	52.9	-48.6	-8.0	49.3	189	0.0	1.0	0.5	0.0	1.0	0.502	53.0	-48.5	-8.1
191	181	190	0.0	1.0	0.516	53.1	-47.9	-9.5	48.9	191	0.0	1.0	0.517	0.0	1.0	0.51	53.1	-48.2	-8.9
193	182	191	0.0	1.0	0.533	53.2	-47.2	-10.9	48.4	193	0.0	1.0	0.533	0.0	1.0	0.519	53.1	-47.8	-9.6
194	183	192	0.0	1.0	0.55	53.4	-46.4	-12.3	48.0	194	0.0	1.0	0.55	0.0	1.0	0.527	53.2	-47.4	-10.3
196	184	193	0.0	1.0	0.566	53.5	-45.6	-13.7	47.6	196	0.0	1.0	0.567	0.0	1.0	0.535	53.3	-47.1	-11.0
198	185	194	0.0	1.0	0.583	53.6	-44.7	-15.0	47.1	198	0.0	1.0	0.583	0.0	1.0	0.543	53.4	-46.7	-11.7
200	186	195	0.0	1.0	0.6	53.8	-43.8	-16.3	46.7	200	0.0	1.0	0.6	0.0	1.0	0.552	53.4	-46.3	-12.4
202	187	195	0.0	1.0	0.616	53.9	-42.8	-17.5	46.3	202	0.0	1.0	0.617	0.0	1.0	0.56	53.5	-45.9	-13.1
204	188	196	0.0	1.0	0.633	54.1	-42.0	-18.8	46.0	204	0.0	1.0	0.633	0.0	1.0	0.568	53.6	-45.4	-13.7
206	189	197	0.0	1.0	0.65	54.2	-41.2	-20.1	45.9	206	0.0	1.0	0.65	0.0	1.0	0.576	53.6	-45.0	-14.4
207	190	198	0.0	1.0	0.666	54.3	-40.5	-21.4	45.8	207	0.0	1.0	0.667	0.0	1.0	0.585	53.7	-44.6	-15.0
209	191	199	0.0	1.0	0.683	54.5	-39.7	-22.7	45.7	209	0.0	1.0	0.683	0.0	1.0	0.593	53.8	-44.1	-15.7
211	192	200	0.0	1.0	0.7	54.6	-38.8	-23.9	45.6	211	0.0	1.0	0.7	0.0	1.0	0.601	53.8	-43.7	-16.3
213	193	201	0.0	1.0	0.716	54.7	-37.9	-25.1	45.5	213	0.0	1.0	0.717	0.0	1.0	0.609	53.9	-43.2	-16.9
215	194	202	0.0	1.0	0.733	54.9	-37.0	-26.3	45.4	215	0.0	1.0	0.733	0.0	1.0	0.618	54.0	-42.7	-17.5
217	195	203	0.0	1.0	0.75	55.0	-36.0	-27.4	45.3	217	0.0	1.0	0.75	0.0	1.0	0.626	54.1	-42.3	-18.1
218	196	204	0.0	1.0	0.766	55.1	-35.4	-28.4	45.4	218	0.0	1.0	0.767	0.0	1.0	0.634	54.1	-41.9	-18.8
220	197	205	0.0	1.0	0.783	55.2	-34.7	-29.4	45.5	220	0.0	1.0	0.783	0.0	1.0	0.642	54.2	-41.6	-19.4
221	198	206	0.0	1.0	0.8	55.3	-34.0	-30.3	45.6	221	0.0	1.0	0.8	0.0	1.0	0.65	54.2	-41.2	-20.1
223	199	206	0.0	1.0	0.816	55.4	-33.3	-31.3	45.7	223	0.0	1.0	0.817	0.0	1.0	0.658	54.3	-40.8	-20.7
224	200	207	0.0	1.0	0.833	55.6	-32.6	-32.2	45.9	224	0.0	1.0	0.833	0.0	1.0	0.666	54.4	-40.4	-21.3
226	201	208	0.0	1.0	0.85	55.7	-31.8	-33.1	46.0	226	0.0	1.0	0.85	0.0	1.0	0.674	54.4	-40.0	-21.9
227	202	209	0.0	1.0	0.866	55.8	-31.1	-34.0	46.1	227	0.0	1.0	0.867	0.0	1.0	0.682	54.5	-39.6	-22.6
229	203	210	0.0	1.0	0.883	55.9	-30.4	-35.0	46.3	229	0.0	1.0	0.883	0.0	1.0	0.691	54.6	-39.2	-23.2
230	204	211	0.0	1.0	0.9	56.0	-29.7	-35.9	46.7	230	0.0	1.0	0.9	0.0	1.0	0.699	54.6	-38.8	-23.8
231	205	212	0.0	1.0	0.916	56.1	-29.1	-36.9	47.0	231	0.0	1.0	0.917	0.0	1.0	0.707	54.7	-38.4	-24.3
233	206	213	0.0	1.0	0.933	56.3	-28.4	-37.8	47.3	233	0.0	1.0	0.933	0.0	1.0	0.715	54.8	-37.9	-24.9
234	207	214	0.0	1.0	0.95	56.4	-27.7	-38.8	47.7	234	0.0	1.0	0.95	0.0	1.0	0.723	54.8	-37.5	-25.5
235	208	215	0.0	1.0	0.966	56.5	-27.0	-39.7	48.0	235	0.0	1.0	0.967	0.0	1.0	0.731	54.9	-37.0	-26.1
237	209	216	0.0	1.0	0.983	56.6	-26.2	-40.6	48.3	237	0.0	1.0	0.983	0.0	1.0	0.739	55.0	-36.6	-26.6
238	210	216	0.0	1.0	1.0	56.8	-25.5	-41.5	48.7	238	0.0	1.0	1.0	0.0	1.0	0.747	55.0	-36.1	-27.2
239	211	217	0.0	1.0	1.0	57.0	-24.8	-42.4	49.0	239	0.0	1.0	1.0	0.0	1.0	0.755	55.0	-35.6	-27.7

input: $rgb/cmyk \rightarrow rgbde$
output: 3D-linearization to $cmy0^*de$

LAB*a0, YN=0%, XY Znw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*rw=24.4, 0.0, 95.6, 0.0, 0.0

TUB-test chart PE98; hue code: $H_e=R00Y_e$
48 step hue circles; $rgb-LabCh$ *tables

1-1131231-L0 PE980-73

1-1131231-F0

Output: Offset standard print; separation cmy0*, D65, page 13/33

<http://130.149.60.45/~farbmatrik/PE98/PE98L0FP.PDF> /PS; 3D-linearization F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 14/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmv0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

see similar files: <http://130.149.60.45/~farbmetrik/PE98/PE98.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

	LAB*a0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*rw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0	Output: Offset state
PE980-73		
TUB-test chart PE98; hue code: H _e *=R00Y _e		
48 step hue circles; <i>rgb-LabCh</i> *tables		
input: <i>rgb/cmyk</i> -> <i>rgb</i> _{de}		
output: 3D-linearization to <i>cmy0</i> * _{de}		

[illegible]

Output: Offset standard print: separation cmv0*. D65, page 14/33

Output: Offset standard print: separation cmv0*. D65, page 14/33

<http://130.149.60.45/~farbmatrik/PE98/PE98L0FP.PDF> /PS; 3D-linearization F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 15/33

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGCBM; $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;

Six hue angles of the device colours $RYGCBM_d$: $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$; Six hue angles of the elementary colours $RYGCBM_e$: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$										rgb^*_{d361Mi}		LAB^*_{d361Mi}		rgb^*_{d361Mi}		LAB^*_{d361Mi}		rgb^*_{d361Mi}		LAB^*_{d361Mi}		rgb^*_{d361Mi}		LAB^*_{d361Mi}											
$h_{ab,s}$	$h_{ab,d}$	$h_{ab,e}$	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}	rgb^*_{d361Mi}	LAB^*_{d361Mi}							
289	255	258	0.0	0.25	1.0	32.8	14.3	-40.2	42.7	289	0.0	0.657	1.0	47.5	-10.9	-40.9	42.5	255	0.0	0.25	1.0	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.25	1.0			
289	255	258	0.0	0.233	1.0	32.2	15.3	-40.3	43.1	290	0.0	0.641	1.0	47.0	-10.1	-40.9	42.2	256	0.0	0.233	1.0	0.0	0.603	1.0	45.7	-7.9	-40.9	41.7	258	0.0	0.233	1.0			
292	257	259	0.0	0.216	1.0	31.7	16.4	-40.3	43.6	292	0.0	0.624	1.0	46.5	-9.3	-40.8	42.0	257	0.0	0.217	1.0	0.0	0.593	1.0	45.3	-7.2	-40.9	41.6	259	0.0	0.217	1.0			
293	258	260	0.0	0.2	1.0	31.1	17.5	-40.4	44.0	293	0.0	0.613	1.0	46.1	-8.6	-40.8	41.9	258	0.0	0.2	1.0	0.0	0.583	1.0	44.9	-6.6	-40.9	41.5	260	0.0	0.2	1.0			
294	259	261	0.0	0.183	1.0	30.6	18.5	-40.4	44.5	294	0.0	0.602	1.0	45.7	-7.9	-40.9	41.7	259	0.0	0.183	1.0	0.0	0.573	1.0	44.5	-5.9	-40.9	41.4	261	0.0	0.183	1.0			
295	260	262	0.0	0.166	1.0	30.0	19.6	-40.4	44.9	295	0.0	0.591	1.0	45.3	-7.1	-40.9	41.6	260	0.0	0.167	1.0	0.0	0.562	1.0	44.1	-5.2	-40.9	41.3	262	0.0	0.167	1.0			
297	261	263	0.0	0.15	1.0	29.5	20.7	-40.4	45.4	297	0.0	0.58	1.0	44.8	-6.4	-40.9	41.4	261	0.0	0.15	1.0	0.0	0.552	1.0	43.7	-4.5	-40.9	41.2	263	0.0	0.15	1.0			
298	262	264	0.0	0.133	1.0	28.9	21.8	-40.3	45.8	298	0.0	0.569	1.0	44.4	-5.7	-40.9	41.4	262	0.0	0.133	1.0	0.0	0.542	1.0	43.4	-3.9	-40.8	41.1	264	0.0	0.133	1.0			
299	263	265	0.0	0.116	1.0	28.4	22.8	-40.3	46.3	299	0.0	0.558	1.0	44.0	-4.9	-40.9	41.3	263	0.0	0.117	1.0	0.0	0.532	1.0	43.0	-3.2	-40.8	41.0	265	0.0	0.117	1.0			
300	264	266	0.0	0.1	1.0	27.9	23.8	-40.4	46.9	300	0.0	0.547	1.0	43.5	-4.2	-40.8	41.2	264	0.0	0.1	1.0	0.0	0.522	1.0	42.6	-2.6	-40.7	40.9	266	0.0	0.1	1.0			
301	265	267	0.0	0.083	1.0	27.4	24.7	-40.4	47.4	301	0.0	0.536	1.0	43.1	-3.5	-40.8	41.1	265	0.0	0.083	1.0	0.0	0.512	1.0	42.2	-1.9	-40.7	40.8	267	0.0	0.083	1.0			
302	266	268	0.0	0.066	1.0	26.9	25.7	-40.4	47.9	302	0.0	0.525	1.0	42.7	-2.8	-40.7	40.9	266	0.0	0.067	1.0	0.0	0.502	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.067	1.0			
303	267	269	0.0	0.049	1.0	26.5	26.6	-40.4	48.4	303	0.0	0.514	1.0	42.3	-2.0	-40.7	40.8	267	0.0	0.05	1.0	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.05	1.0			
304	268	269	0.0	0.033	1.0	26.0	27.6	-40.4	49.0	304	0.0	0.503	1.0	41.8	-1.3	-40.6	40.7	268	0.0	0.033	1.0	0.0	0.48	1.0	41.0	-0.4	-40.6	40.7	269	0.0	0.033	1.0			
305	269	270	0.0	0.016	1.0	25.5	28.6	-40.4	49.5	305	0.0	0.491	1.0	41.4	-0.6	-40.6	40.7	269	0.0	0.017	1.0	0.0	0.469	1.0	40.6	0.6	-40.6	40.7	270	0.0	0.017	1.0			
306	270	271	0.0	0.0	1.0	25.0	29.5	-40.4	50.0	306	B_d	0.0	0.479	1.0	41.0	0.0	-40.6	40.7	270	B_s	0.0	0.0	1.0	0.0	0.458	1.0	40.3	1.2	-40.6	40.7	271	B_e	0.0	0.0	1.0
272	273	272	0.016	0.0	1.0	25.4	30.4	-39.9	50.2	307	0.0	0.467	1.0	40.6	0.7	-40.6	40.7	271	0.017	0.0	1.0	0.0	0.447	1.0	39.9	1.9	-40.5	40.7	272	0.017	0.0	1.0			
280	272	273	0.033	0.0	1.0	25.8	31.3	-39.4	50.4	308	0.0	0.455	1.0	40.2	1.4	-40.6	40.7	272	0.033	0.0	1.0	0.0	0.435	1.0	39.5	2.6	-40.5	40.7	273	0.033	0.0	1.0			
290	273	274	0.05	0.0	1.0	26.2	32.2	-38.9	50.5	309	0.0	0.443	1.0	39.7	2.1	-40.5	40.7	273	0.05	0.0	1.0	0.0	0.424	1.0	39.1	3.3	-40.5	40.7	274	0.05	0.0	1.0			
297	274	275	0.066	0.0	1.0	26.5	33.1	-38.4	50.7	310	0.0	0.431	1.0	39.3	2.8	-40.5	40.7	274	0.067	0.0	1.0	0.0	0.413	1.0	38.7	3.9	-40.4	40.7	275	0.067	0.0	1.0			
303	275	276	0.083	0.0	1.0	26.9	33.9	-37.8	50.8	311	0.0	0.419	1.0	38.9	3.5	-40.4	40.7	275	0.083	0.0	1.0	0.0	0.401	1.0	38.3	4.6	-40.3	40.7	276	0.083	0.0	1.0			
309	276	277	0.1	0.0	1.0	27.3	34.8	-37.3	51.0	313	0.0	0.407	1.0	38.5	4.3	-40.4	40.7	276	0.1	0.0	1.0	0.0	0.39	1.0	37.9	5.3	-40.3	40.7	277	0.1	0.0	1.0			
313	277	278	0.116	0.0	1.0	27.7	35.6	-36.7	51.1	314	0.0	0.395	1.0	38.1	5.0	-40.3	40.7	277	0.117	0.0	1.0	0.0	0.378	1.0	37.5	5.9	-40.2	40.7	278	0.117	0.0	1.0			
315	278	279	0.133	0.0	1.0	27.9	36.4	-36.2	51.3	315	0.0	0.383	1.0	37.6	5.7	-40.2	40.7	278	0.133	0.0	1.0	0.0	0.367	1.0	37.1	6.6	-40.2	40.8	279	0.133	0.0	1.0			
316	279	280	0.15	0.0	1.0	28.1	37.2	-35.7	51.6	316	0.0	0.371	1.0	37.2	6.4	-40.2	40.8	279	0.15	0.0	1.0	0.0	0.357	1.0	36.7	7.3	-40.2	41.0	280	0.15	0.0	1.0			
317	280	281	0.166	0.0	1.0	28.2	38.0	-35.2	51.9	317	0.0	0.36	1.0	36.8	7.1	-40.2	41.0	280	0.167	0.0	1.0	0.0	0.346	1.0	36.3	8.0	-40.3	41.2	281	0.167	0.0	1.0			
318	281	282	0.183	0.0	1.0	28.3	38.8	-34.7	52.1	318	0.0	0.348	1.0	36.4	7.8	-40.3	41.1	281	0.183	0.0	1.0	0.0	0.335	1.0	35.9	8.7	-40.3	41.3	282	0.183	0.0	1.0			
319	282	283	0.2	0.0	1.0	28.5	39.6	-34.2	52.4	319	0.0	0.337	1.0	36.0	8.6	-40.3	41.3	282	0.2	0.0	1.0	0.0	0.324	1.0	35.5	9.4	-40.3	41.5	283	0.2	0.0	1.0			
320	283	284	0.216	0.0	1.0	28.6	40.4	-33.7	52.6	320	0.0	0.326	1.0	35.6	9.3	-40.3	41.5	283	0.217	0.0	1.0	0.0	0.313	1.0	35.1	10.1	-40.3	41.7	284	0.217	0.0	1.0			
321	284	285	0.233	0.0	1.0	28.7	41.2	-33.1	52.9	321	0.0	0.314	1.0	35.2	10.1	-40.3	41.7	284	0.233	0.0	1.0	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.233	0.0	1.0			
322	285	285	0.25	0.0	1.0	28.8	41.9	-32.5	53.1	322	0.0	0.303	1.0	34.8	10.8	-40.3	41.9	285	0.25	0.0	1.0	0.0	0.292	1.0	34.4	11.6	-40.3	42.0	285	0.25	0.0	1.0			
323	286	286	0.266	0.0	1.0	29.4	43.3	-31.8	53.8	323	0.0	0.291	1.0	34.3	11.6	-40.3	42.0	286	0.267	0.0	1.0	0.0	0.281	1.0	34.0	12.3	-40.3	42.2	286	0.267	0.0	1.0			
324	287	287	0.283	0.0	1.0	29.9	44.7	-31.1	54.4	325	0.0	0.28	1.0	33.9	12.3	-40.3	42.2	287	0.283	0.0	1.0	0.0	0.27	1.0	33.6	13.0	-40.2	42.4	287	0.283	0.0	1.0			
325	288	288	0.3	0.0	1.0	30.4	46.0	-30.3	55.1	326	0.0	0.269	1.0	33.5	13.1	-40.2	42.4	288	0.3	0.0	1.0	0.0	0.26	1.0	33.2	13.7	-40.2	42.5	288	0.3	0.0	1.0			
326	289	289	0.316	0.0	1.0	30.9	47.3	-29.4	55.7	328	0.0	0.257	1.0	33.1	13.9	-40.2	42.6	289	0.317	0.0	1.0	0.0	0.249	1.0	32.8	14.4	-40.1	42.7	289	0.317	0.0	1.0			
329	290	290	0.333	0.0	1.0	31.4	48.6	-28.5	56.4	329	0.0	0.245	1.0	32.7	14.6	-40.1	42.8	290	0.333	0.0	1.0	0.0	0.236	1.0	32.4	15.2	-40.2	43.1	290	0.333	0.0	1.0			
331	291	291	0.35	0.0	1.0	32.0	49.9	-27.5	57.0	331	0.0	0.232	1.0	32.2	15.5	-40.2	43.2	291	0.35	0.0	1.0	0.0	0.223	1.0	32.0	16.0	-40.3	43.4	291	0.35	0.0	1.0			
332	292	292	0.366	0.0	1.0	32.5	51.2	-26.5	57.7	332	0.0	0.219	1.0	31.8	16.3	-40.3	43.6	292	0.367	0.0	1.0	0.0	0.211	1.0	31.5	16.8	-40.3	43.8	292	0.367	0.0	1.0			
333	293	293	0.383	0.0	1.0	32.9	52.3	-25.7	58.3	333	0.0	0.205	1.0	31.4	17.2	-40.3	43.9	293	0.383	0.0	1.0	0.0	0.198	1.0	31.1	17.6	-40.3	44.1	293	0.383	0.0	1.0			
334	294	294	0.4	0.0	1.0	33.3	53.2	-25.0	58.8	334	0.0	0.192	1.0	30.9	18.0	-40.3	44.3	294	0.4	0.0	1.0	0.0	0.186	1.0	30.7	18.4									

1-1131431-1.0	PF980-73	LAB*1a0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0
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TUB-test chart PE98; hue code: $H_e^* = R00Y_e$
48 step hue circles; $rgb - LabCh^*$ tables

Output: Offset standard print; separation cmv0*, D65, page 15/33/



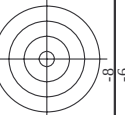
TUB material: code=rha4ta
my0* (CMY0)

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

TUB-test chart PE98; hue code: $H_e^* = R00Y_e$
colors and differences, ΔE^*

[illegible]

n/f	HC*Fide	rgb_Fide	icr_Fide	hsa_Fide	rgb*Fide	LabCh*Fide	cmyk*_sep_Fide	cmyn*_sep_Fide	delta	hsa_Mde	rgb_Mde	LabCh*_Mde	cmyn*_sep_Mde	cmyn*_sep_Fide	delta
0/648	R00Y_100_100de	1.0	0.0	1.0	0.0	45.6	72.2	25.4	0.0	375	1.0	0.0	0.0	0.0	0.0
1/666	R25Y_100_100de	1.0	0.25	1.0	0.166	50.5	59.2	41.0	0.0	38	1.0	0.166	0.0	0.0	25.4
2/684	R50Y_100_100de	1.0	0.5	1.0	0.332	60.2	58.8	78.6	0.0	53	1.0	0.332	0.0	0.0	80.0
3/702	R75Y_100_100de	1.0	0.75	1.0	0.508	70.9	58.8	78.6	0.0	66	1.0	0.508	0.0	0.0	80.0
4/720	Y00C_100_100de	1.0	1.0	0.0	0.0	83.6	36.0	90.4	0.0	113	1.0	0.0	0.0	0.0	90.4
5/558	Y25C_100_100de	0.75	1.0	0.0	0.0	74.5	36.0	90.4	0.0	113	1.0	0.0	0.0	0.0	90.4
6/396	Y50C_100_100de	0.5	1.0	0.0	0.0	62.6	36.0	90.4	0.0	131	1.0	0.0	0.0	0.0	90.4
7/234	Y75C_100_100de	0.25	1.0	0.0	0.0	54.1	36.0	90.4	0.0	144	1.0	0.0	0.0	0.0	90.4
8/72	G00B_100_100de	0.0	1.0	1.0	0.0	50.6	62.1	19.9	0.0	158	1.0	0.0	0.0	0.0	0.0
9/72	G25B_100_100de	0.0	1.0	0.5	1.0	50.6	62.1	19.9	0.0	158	1.0	0.5	0.0	0.0	0.0
10/76	G50B_100_100de	0.0	1.0	1.0	0.0	50.6	62.1	19.9	0.0	158	1.0	0.0	0.0	0.0	0.0
11/840	G75B_100_100de	0.0	1.0	1.0	0.0	50.6	62.1	19.9	0.0	158	1.0	0.0	0.0	0.0	0.0
12/440	G90B_100_100de	0.0	1.0	1.0	0.0	50.6	62.1	19.9	0.0	158	1.0	0.0	0.0	0.0	0.0
13/8	B00M_100_100de	0.0	1.0	1.0	0.0	40.2	1.2	40.6	0.0	242	0.0	0.0	0.0	0.0	0.0
14/332	B25R_100_100de	0.5	1.0	1.0	0.0	40.2	1.2	40.6	0.0	242	0.0	0.0	0.0	0.0	0.0
15/652	B50R_100_100de	1.0	1.0	1.0	0.0	31.1	47.7	29.1	0.0	315	0.0	0.0	0.0	0.0	0.0
16/652	B75R_100_100de	1.0	1.0	1.0	0.0	41.4	70.4	49.8	0.0	315	0.0	0.0	0.0	0.0	0.0
17/648	R00Y_100_100de	1.0	0.0	1.0	0.0	45.6	72.2	25.4	0.0	375	1.0	0.0	0.0	0.0	0.0
18/608	R00Y_100_050de	1.0	0.5	1.0	0.5	62.7	70.6	36.1	0.0	375	1.0	0.5	0.0	0.0	0.0
19/768	R00Y_100_025de	1.0	0.75	1.0	0.75	77.9	70.6	36.1	0.0	375	1.0	0.75	0.0	0.0	0.0
20/724	Y00C_100_050de	1.0	1.0	0.0	0.0	83.6	36.0	90.4	0.0	113	1.0	0.0	0.0	0.0	0.0
21/540	Y00C_100_025de	0.75	1.0	0.0	0.0	74.5	36.0	90.4	0.0	113	1.0	0.0	0.0	0.0	0.0
22/400	G00B_100_050de	0.5	1.0	0.5	1.0	50.6	62.1	19.9	0.0	158	1.0	0.5	0.0	0.0	0.0
23/400	G00B_100_025de	0.25	1.0	0.5	1.0	50.6	62.1	19.9	0.0	158	1.0	0.25	0.0	0.0	0.0
24/368	B00M_100_050de	0.5	1.0	1.0	0.0	40.2	1.2	40.6	0.0	242	0.0	0.0	0.0	0.0	0.0
25/692	B00M_100_025de	0.25	1.0	1.0	0.0	40.2	1.2	40.6	0.0	242	0.0	0.0	0.0	0.0	0.0
26/688	B50R_100_050de	1.0	0.5	1.0	0.5	63.3	23.8	14.5	0.0	288	0.0	0.5	0.0	0.0	0.0
27/506	R00Y_075_050de	0.75	0.25	0.75	0.5	52.8	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
28/524	R00Y_075_025de	0.75	0.5	0.75	0.5	60.1	52.8	36.1	0.0	375	1.0	0.5	0.0	0.0	0.0
29/542	Y00C_075_050de	0.75	0.75	0.5	0.5	71.8	52.8	36.1	0.0	375	1.0	0.75	0.0	0.0	0.0
30/380	Y00C_075_025de	0.5	0.5	0.5	0.5	61.3	52.8	36.1	0.0	375	1.0	0.5	0.0	0.0	0.0
31/218	G00B_075_050de	0.25	0.75	0.25	0.5	55.3	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
32/222	G00B_075_025de	0.25	0.75	0.25	0.5	55.3	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
33/186	B00R_075_050de	0.25	0.75	0.25	0.5	50.1	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
34/510	B00R_075_025de	0.25	0.75	0.25	0.5	45.5	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
35/506	R00Y_075_050de	0.75	0.25	0.75	0.5	52.8	52.8	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
36/324	R00Y_050_050de	0.5	0.0	0.5	0.5	42.3	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
37/342	R50Y_050_050de	0.5	0.25	0.5	0.5	42.3	35.0	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
38/360	Y00C_050_050de	0.5	0.5	0.5	0.5	54.0	35.0	36.1	0.0	375	1.0	0.5	0.0	0.0	0.0
39/198	Y50C_050_050de	0.25	0.5	0.5	0.5	43.5	35.0	36.1	0.0	375	1.0	0.25	0.0	0.0	0.0
40/36	G00B_050_050de	0.0	0.5	0.5	0.5	37.5	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
41/40	G50B_050_050de	0.0	0.5	0.5	0.5	37.5	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
42/4	B00R_050_050de	0.0	0.5	0.5	0.5	32.3	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
43/328	B50R_050_050de	0.5	0.5	0.5	0.5	27.7	35.0	36.1	0.0	375	1.0	0.5	0.0	0.0	0.0
44/324	R00Y_050_050de	0.5	0.0	0.5	0.5	24.3	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
45/0	NW_000de	0.0	0.0	0.0	0.0	24.3	35.0	36.1	0.0	375	1.0	0.0	0.0	0.0	0.0
46/91	NW_015de	0.125	0.125	0.125	0.125	33.2	33.2	33.2	0.0	360	1.0	0.125	0.0	0.0	0.0
47/182	NW_025de	0.25	0.25	0.25	0.25	42.1	42.1	42.1	0.0	360	1.0	0.25	0.0	0.0	0.0
48/273	NW_036de	0.375	0.375	0.375	0.375	51.0	51.0	51.0	0.0	360	1.0	0.375	0.0	0.0	0.0
49/364	NW_050de	0.5	0.5	0.5	0.5	60.0	60.0	60.0	0.0	360	1.0	0.5	0.0	0.0	0.0
50/455	NW_063de	0.625	0.625	0.625	0.625	68.9	68.9	68.9	0.0	360	1.0	0.625	0.0	0.0	0.0
51/66	NW_075de	0.75	0.75	0.75	0.75	77.3	77.3	77.3	0.0	360	1.0	0.75	0.0	0.0	0.0
52/66	NW_086de	0.875	0.875	0.875	0.875	86.7	86.7	86.7	0.0	360	1.0	0.875	0.0	0.0	0.0
53/728	NW_100de	1.0	1.0	1.0	1.0	95.6	95.6	95.6	0.0	360	1.0	1.0	0.0	0.0	0.0



TUB material: code=rha4ta
ny0* (CMY0)



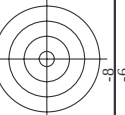
input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

[illegible]

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TUB-test chart PE98; hue code: $H_e^*=R00Y_e$

output: 3D-linearization to $\text{cmy0}^*\text{de}$



TUB material: code=rha4ta
ny0* (CMY0)

A target diagram consisting of three concentric circles. A vertical line passes through the center of the circles. To the right of the circles, there is a vertical line with the letters 'op' and 'C' written next to it.

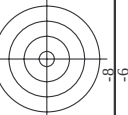
input: *rgb/cmyk* $\rightarrow$ *rgb*_{de}
output: 3D-linearization to *cmy0**_{de}

output: 3D-linearization to $\text{cmy0}^*_{\text{de}}$

Mean color difference of this name:

n	HiC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmyn*sepFile	cmyn*sepFile	delta
243	R00Y_037_037de	0.375 0.0 0.0	0.375 0.375 0.187	390	0.375 0.0 0.31	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
244	R10Y_037_037de	0.375 0.0 0.125	0.375 0.375 0.187	371	0.375 0.0 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
245	R20Y_037_037de	0.375 0.0 0.25	0.375 0.375 0.187	349	0.375 0.0 0.937	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
246	R30Y_037_037de	0.375 0.0 0.375	0.375 0.375 0.187	330	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
247	R40Y_037_037de	0.375 0.0 0.5	0.375 0.375 0.187	316	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
248	R50Y_037_037de	0.375 0.0 0.625	0.375 0.375 0.187	307	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
249	R60Y_037_037de	0.375 0.0 0.75	0.375 0.375 0.187	295	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
250	R70Y_037_037de	0.375 0.0 0.875	0.375 0.375 0.187	282	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
251	R80Y_037_037de	0.375 0.0 1.0	0.375 0.375 0.187	269	0.375 0.0 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
252	R90Y_037_037de	0.375 0.125 0.0	0.375 0.375 0.187	256	0.375 0.125 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
253	R00Y_037_025de	0.375 0.125 0.125	0.375 0.375 0.187	243	0.375 0.125 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
254	R10Y_037_025de	0.375 0.125 0.25	0.375 0.375 0.187	230	0.375 0.125 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
255	R20Y_037_025de	0.375 0.125 0.375	0.375 0.375 0.187	217	0.375 0.125 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
256	R30Y_037_025de	0.375 0.125 0.5	0.375 0.375 0.187	204	0.375 0.125 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
257	R40Y_037_025de	0.375 0.125 0.625	0.375 0.375 0.187	191	0.375 0.125 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
258	R50Y_037_025de	0.375 0.125 0.75	0.375 0.375 0.187	178	0.375 0.125 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
259	R60Y_037_025de	0.375 0.125 0.875	0.375 0.375 0.187	165	0.375 0.125 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
260	R70Y_037_025de	0.375 0.125 1.0	0.375 0.375 0.187	152	0.375 0.125 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
261	R80Y_037_025de	0.375 0.25 0.0	0.375 0.375 0.187	139	0.375 0.25 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
262	R90Y_037_025de	0.375 0.25 0.125	0.375 0.375 0.187	126	0.375 0.25 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
263	R00Y_037_012de	0.375 0.25 0.25	0.375 0.375 0.187	113	0.375 0.25 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
264	R10Y_037_012de	0.375 0.25 0.375	0.375 0.375 0.187	100	0.375 0.25 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
265	R20Y_037_012de	0.375 0.25 0.5	0.375 0.375 0.187	87	0.375 0.25 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
266	R30Y_037_012de	0.375 0.25 0.625	0.375 0.375 0.187	74	0.375 0.25 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
267	R40Y_037_012de	0.375 0.25 0.75	0.375 0.375 0.187	61	0.375 0.25 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
268	R50Y_037_012de	0.375 0.25 0.875	0.375 0.375 0.187	48	0.375 0.25 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
269	R60Y_037_012de	0.375 0.25 1.0	0.375 0.375 0.187	35	0.375 0.25 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
270	R70Y_037_012de	0.375 0.375 0.0	0.375 0.375 0.187	22	0.375 0.375 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
271	R80Y_037_012de	0.375 0.375 0.125	0.375 0.375 0.187	9	0.375 0.375 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
272	R90Y_037_012de	0.375 0.375 0.25	0.375 0.375 0.187	-4	0.375 0.375 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
273	R00Y_050_012de	0.375 0.375 0.375	0.375 0.375 0.187	-17	0.375 0.375 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
274	R10Y_050_012de	0.375 0.375 0.5	0.375 0.375 0.187	-30	0.375 0.375 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
275	R20Y_050_012de	0.375 0.375 0.625	0.375 0.375 0.187	-43	0.375 0.375 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
276	R30Y_050_012de	0.375 0.375 0.75	0.375 0.375 0.187	-56	0.375 0.375 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
277	R40Y_050_012de	0.375 0.375 0.875	0.375 0.375 0.187	-69	0.375 0.375 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
278	R50Y_050_012de	0.375 0.375 1.0	0.375 0.375 0.187	-82	0.375 0.375 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
279	R60Y_050_012de	0.375 0.5 0.0	0.375 0.375 0.187	-95	0.375 0.5 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
280	R70Y_050_012de	0.375 0.5 0.125	0.375 0.375 0.187	-108	0.375 0.5 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
281	R80Y_050_012de	0.375 0.5 0.25	0.375 0.375 0.187	-121	0.375 0.5 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
282	R90Y_050_012de	0.375 0.5 0.375	0.375 0.375 0.187	-134	0.375 0.5 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
283	G00B_050_012de	0.375 0.5 0.5	0.375 0.375 0.187	-147	0.375 0.5 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
284	G10B_050_012de	0.375 0.5 0.625	0.375 0.375 0.187	-160	0.375 0.5 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
285	G20B_050_012de	0.375 0.5 0.75	0.375 0.375 0.187	-173	0.375 0.5 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
286	G30B_050_012de	0.375 0.5 0.875	0.375 0.375 0.187	-186	0.375 0.5 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
287	G40B_050_012de	0.375 0.5 1.0	0.375 0.375 0.187	-199	0.375 0.5 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
288	G50B_050_012de	0.375 0.625 0.0	0.375 0.375 0.187	-212	0.375 0.625 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
289	G60B_050_012de	0.375 0.625 0.125	0.375 0.375 0.187	-225	0.375 0.625 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
290	G70B_050_012de	0.375 0.625 0.25	0.375 0.375 0.187	-238	0.375 0.625 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
291	G80B_050_012de	0.375 0.625 0.375	0.375 0.375 0.187	-251	0.375 0.625 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
292	G90B_050_012de	0.375 0.625 0.5	0.375 0.375 0.187	-264	0.375 0.625 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
293	G00B_062_025de	0.375 0.625 0.625	0.375 0.375 0.187	-277	0.375 0.625 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
294	G10B_062_025de	0.375 0.625 0.75	0.375 0.375 0.187	-290	0.375 0.625 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
295	G20B_062_025de	0.375 0.625 0.875	0.375 0.375 0.187	-303	0.375 0.625 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
296	G30B_062_025de	0.375 0.625 1.0	0.375 0.375 0.187	-316	0.375 0.625 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
297	G40B_062_025de	0.375 0.75 0.0	0.375 0.375 0.187	-329	0.375 0.75 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
298	G50B_062_025de	0.375 0.75 0.125	0.375 0.375 0.187	-342	0.375 0.75 0.125	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
299	G60B_062_025de	0.375 0.75 0.25	0.375 0.375 0.187	-355	0.375 0.75 0.25	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
300	G70B_062_025de	0.375 0.75 0.375	0.375 0.375 0.187	-368	0.375 0.75 0.375	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
301	G80B_062_025de	0.375 0.75 0.5	0.375 0.375 0.187	-381	0.375 0.75 0.5	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
302	G90B_062_025de	0.375 0.75 0.625	0.375 0.375 0.187	-394	0.375 0.75 0.625	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
303	G00B_075_037de	0.375 0.75 0.75	0.375 0.375 0.187	-407	0.375 0.75 0.75	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
304	G10B_075_037de	0.375 0.75 0.875	0.375 0.375 0.187	-420	0.375 0.75 0.875	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
305	G20B_075_037de	0.375 0.75 1.0	0.375 0.375 0.187	-433	0.375 0.75 1.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
306	G30B_075_037de	0.375 0.875 0.0	0.375 0.375 0.187	-446	0.375 0.875 0.0	32.3 27.0 0.0	0.671 0.921 0.895	0.0	0.895
307									

	HIC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmyn*SepFile	cmyn*SepFile	hsa*File	rgb*File	LabCh*File																	
324	R00Y_050_050de	0.5	0.0	0.5	0.5	390	0.5	0.0	0.127	35.0	36.1	17.2	40.0	25.4	0.567	0.932	0.871	0.0	0.0	0.254	456	72.2	34.4	80.0	25.4			
325	R00Y_050_050de	0.5	0.0	0.125	0.5	0.0	376	0.5	0.0	0.328	35.1	36.0	6.6	38.6	9.8	0.572	0.928	0.643	0.0	0.0	0.657	460	72.2	34.4	80.0	25.4		
326	R00Y_050_050de	0.5	0.0	0.25	0.5	0.0	360	0.368	0.0	0.5	32.8	35.2	4.9	35.5	35.0	0.659	0.959	0.486	0.0	0.0	0.736	0.0	1.0	41.4	70.4	-9.6	71.1	352.0
327	B01R_050_050de	0.5	0.0	0.375	0.5	0.0	344	0.261	0.0	0.5	29.2	29.9	-9.8	31.5	341.8	0.73	0.949	0.486	0.0	0.0	0.522	0.0	1.0	36.0	59.9	-19.6	63.0	341.8
328	B00R_050_050de	0.5	0.0	0.5	0.5	0.0	330	0.16	0.0	0.5	27.7	23.8	-14.5	27.9	328.6	0.84	0.99	0.486	0.0	0.0	0.321	0.0	1.0	31.1	47.7	-29.1	55.9	328.6
329	B40R_062_062de	0.5	0.0	0.625	0.5	0.0	319	0.114	0.0	0.625	26.8	24.2	-21.7	32.5	318.1	0.888	1.0	0.376	0.0	0.0	0.182	0.0	1.0	28.3	36.8	-34.7	52.1	318.1
330	B33R_075_075de	0.5	0.0	0.75	0.375	0.31	304	0.048	0.0	0.02	0.875	25.5	24.7	-35.4	310.5	0.94	1.0	0.253	0.0	0.0	0.064	0.0	1.0	26.5	32.9	-38.4	50.6	310.5
331	B33R_087_087de	0.5	0.0	1.0	0.5	0.0	305	0.048	0.0	0.02	0.875	25.5	24.7	-35.4	310.5	0.94	1.0	0.253	0.0	0.0	0.064	0.0	1.0	26.5	32.9	-38.4	50.6	310.5
332	B23R_100_100de	0.5	0.0	1.0	0.5	0.0	300	0.0	0.105	1.0	28.1	23.4	-40.3	46.7	300.1	1.0	0.889	0.131	0.0	0.0	0.089	0.0	1.0	25.7	28.2	-40.4	49.3	304.9
333	R23Y_100_100de	0.5	0.0	0.5	0.5	0.0	300	0.0	0.105	1.0	28.1	23.4	-40.3	46.7	300.1	1.0	0.889	0.131	0.0	0.0	0.089	0.0	1.0	25.7	28.2	-40.4	49.3	304.9
334	R00Y_050_037de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.083	0.0	37.4	29.6	25.8	39.3	41.0	0.564	0.889	1.0	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
335	R00Y_050_037de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.0	41.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
336	B06R_050_037de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
337	B06R_050_037de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
338	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
339	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
340	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
341	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
342	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
343	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
344	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
345	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
346	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
347	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
348	B33R_062_062de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.124	0.435	29.2	27.0	12.9	30.0	45.3	0.545	0.784	0.677	0.0	0.0	0.106	0.0	1.0	28.1	23.4	-51.6	78.6	41.0
349	B19R_087_062de	0.5	0.25	0.875	0.625	0.562	293	0.25	0.302	0.75	44.0	11.7	-20.1	23.3	300.1	0.72	0.598	0.205	0.0	0.0	0.105	0.0	1.0	28.1	23.4	-40.3	46.7	300.1
350	B15R_087_062de	0.5	0.25	0.875	0.625	0.562	293	0.25	0.302	0.75	44.0	11.7	-20.1	23.3	300.1	0.72	0.598	0.205	0.0	0.0	0.105	0.0	1.0	28.1	23.4	-40.3	46.7	300.1
351	B15R_087_062de	0.5	0.25	0.875	0.625	0.562	293	0.25	0.302	0.75	44.0	11.7	-20.1	23.3	300.1	0.72	0.598	0.205	0.0	0.0	0.105	0.0	1.0	28.1	23.4	-40.3	46.7	300.1
352	R67Y_050_075de	0.5	0.375	0.5	0.25	0.76	0.5	0.302	0.0	0.476	8.9	37.9	38.9	67.6	0.544	0.599	0.767	0.0	0.0	0.604	0.0	1.0	32.8	14.4	-40.2	42.7	289.7	
353	R67Y_050_075de	0.5	0.375	0.5	0.25	0.76	0.5	0.302	0.0	0.476	8.9	37.9	38.9	67.6	0.544	0.599	0.767	0.0	0.0	0.604	0.0	1.0	32.8	14.4	-40.2	42.7	289.7	
354	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
355	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
356	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
357	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
358	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
359	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
360	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1	0.533	0.575	0.996	0.0	0.0	0.543	0.0	1.0	67.4	24.5	71.9	75.9	71.1
361	R00Y_050_037de	0.5	0.375	0.5	0.375	0.312	71	0.5	0.328	0.124	49.4	9.2	26.9	28.4	71.1													

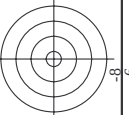


TUB material: code=rha4ta
ny0* (CMY0)

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



<i>n</i>	<i>HIC[°]F₁₆</i>	<i>rgb[°]F₁₆</i>	<i>lcr[°]F₁₆</i>	<i>h₂₄[°]F₁₆</i>	<i>rgb[°]F₁₆</i>	<i>LabCH[°]F₁₆</i>	<i>LabCH[°]F₁₆</i>	<i>cmym[°]sep[°]F₁₆</i>	<i>h₂₄[°]F₁₆</i>	<i>rgb[°]Mid</i>	<i>LabCH[°]Mid</i>	<i>delta</i>													
405	R00Y_062_062de	0.625	0.0	0.625	0.625	0.312	390	25.4	21.5	50.0	0.851	0.0	0.446	0.94	0.851	0.0	0.0	0.254	45.6	72.2	34.4	80.0	25.4		
406	R31Y_062_062de	0.625	0.0	0.125	0.625	0.312	379	46.9	46.9	48.2	0.634	0.0	0.447	0.937	0.634	0.0	0.0	0.57	45.9	75.0	17.6	77.1	13.2		
407	R11Y_062_062de	0.625	0.0	0.25	0.625	0.312	367	0.624	37.9	49.5	-0.1	49.5	359.8	0.456	0.941	0.426	0.0	0.0	0.999	46.1	79.3	-11.5	359.8	40.4	
408	B69R_062_062de	0.625	0.0	0.375	0.625	0.312	353	42.8	-7.2	43.4	350.8	0.0	0.624	0.958	0.4	0.0	0.0	0.692	0.0	1.0	40.0	68.5	-1.5		
409	B59R_062_062de	0.625	0.0	0.5	0.625	0.312	341	0.296	0.0	35.7	-13.7	38.3	339.0	0.697	0.97	0.377	0.0	0.0	0.473	0.0	1.0	35.0	57.2	-21.9	
410	B50R_062_062de	0.625	0.0	0.625	0.625	0.312	330	0.201	0.0	28.5	-18.2	34.9	328.6	0.781	0.984	0.373	0.0	0.0	0.321	0.0	1.0	31.1	47.7	-29.1	
411	B42R_075_075de	0.625	0.0	0.75	0.75	0.375	321	0.161	0.0	25.3	39.4	320.0	0.848	1.0	0.269	0.0	0.0	0.214	0.0	1.0	28.6	40.3	-33.7		
412	B36R_087_087de	0.625	0.0	0.875	0.875	0.437	314	0.092	0.0	30.7	-32.4	44.7	313.4	0.994	0.135	0.0	0.0	0.106	0.0	1.0	27.4	35.1	-37.0		
413	B31R_100_100de	0.625	0.0	1.0	1.0	0.5	308	0.022	0.0	25.5	30.7	-39.7	307.7	0.977	0.999	0.0	0.0	0.022	0.0	1.0	25.5	30.7	-39.7		
414	R18Y_062_062de	0.625	0.125	0.0	0.625	0.625	312	41	0.625	0.072	0.0	39.5	30.6	0.60	0.37	0.442	0.865	1.0	0.0	0.115	0.0	0.0	48.6	63.4	49.1
415	R00Y_062_050de	0.625	0.125	0.125	0.625	0.375	390	0.625	0.125	25.2	43.9	36.1	17.2	40.0	25.4	0.418	0.79	0.65	1.0	0.0	0.254	45.6	72.2	34.4	
416	R26Y_062_050de	0.625	0.125	0.125	0.625	0.375	376	0.625	0.125	45.3	44.0	38.0	6.8	38.6	9.8	0.426	0.795	0.942	1.0	0.0	0.657	46.0	76.1	77.2	
417	R00Y_062_050de	0.625	0.125	0.375	0.625	0.375	360	0.493	0.125	62.5	41.8	35.2	-49.9	35.5	352.0	0.526	0.811	0.536	0.0	0.0	0.736	0.0	1.0	41.4	
418	B61R_062_050de	0.625	0.125	0.5	0.625	0.375	344	0.386	0.125	62.5	39.1	29.9	-9.8	31.5	341.8	0.345	0.0	0.311	0.0	1.0	36.0	59.9	-19.6		
419	B40R_062_050de	0.625	0.125	0.625	0.625	0.375	330	0.285	0.125	62.5	36.6	23.8	-14.5	27.9	328.6	0.703	0.802	0.334	0.0	1.0	31.1	47.7	-29.1		
420	B40R_075_062de	0.625	0.125	0.75	0.75	0.437	319	0.239	0.125	75.5	35.7	24.2	-21.7	32.5	318.1	0.737	0.804	0.227	0.0	1.0	28.3	38.8	-34.7		
421	B34R_087_075de	0.625	0.125	0.875	0.875	0.75	0.5	311	0.173	0.125	87.5	34.9	24.7	-28.8	38.0	310.5	0.792	0.811	0.116	0.0	0.0	26.5	32.9	-38.4	
422	B29R_100_087de	0.625	0.125	1.0	1.0	0.875	0.562	305	0.125	0.145	1.0	34.4	24.7	-35.4	43.1	304.9	0.855	0.81	0.0	0.0	0.022	1.0	27.6	35.1	
423	R38Y_062_062de	0.625	0.25	0.0	0.625	0.625	312	53	0.625	0.188	0.0	44.1	29.5	36.5	46.9	51.0	0.437	0.729	1.0	0.0	0.301	0.0	0.0	55.9	47.2
424	R23Y_062_050de	0.625	0.25	0.125	0.625	0.375	344	0.625	0.208	0.125	46.3	29.6	25.8	39.3	41.0	0.413	0.746	1.0	0.0	0.166	0.0	0.0	50.5	59.2	
425	R00Y_062_037de	0.625	0.25	0.375	0.625	0.375	390	0.625	0.25	0.345	50.1	27.0	12.9	30.0	25.4	0.401	0.657	0.522	1.0	0.0	0.254	45.6	72.2		
426	R18Y_062_037de	0.625	0.25	0.5	0.625	0.375	371	0.625	0.25	0.546	50.2	29.2	2.2	29.2	43.4	0.415	0.668	0.372	1.0	0.0	0.827	45.6	72.2		
427	B69R_062_037de	0.625	0.25	0.75	0.625	0.375	349	0.476	0.25	62.5	37.1	24.1	-24.7	38.6	0.353	0.684	0.309	0.0	0.0	0.932	0.0	1.0	31.6	47.7	
428	B59R_062_037de	0.625	0.25	0.875	0.625	0.375	336	0.296	0.25	62.5	36.5	24.1	-24.7	38.6	0.353	0.684	0.309	0.0	0.0	0.932	0.0	1.0	31.6	47.7	
429	B38Y_075_050de	0.625	0.25	1.0	0.625	0.625	312	0.317	0.25	75.5	43.0	18.2	-18.0	25.7	315.3	0.672	0.658	0.305	0.0	1.0	27.9	36.5	-31.1		
430	B30R_087_062de	0.625	0.25	0.875	0.875	0.625	307	0.255	0.25	89.5	42.7	18.7	-35.1	31.3	306.3	0.717	0.655	0.106	0.0	0.0	0.008	0.0	1.0	25.2	
431	B29R_100_075de	0.625	0.25	1.0	1.0	0.75	0.625	300	0.25	0.329	1.0	44.9	17.6	-20.2	35.0	300.1	0.717	0.593	0.0	0.0	0.105	1.0	28.1		
432	R61Y_062_050de	0.625	0.375	0.0	0.625	0.625	312	67	0.625	0.304	0.125	51.2	19.1	41.7	37.0	58.8	0.602	0.79	0.0	0.0	0.398	0.0	0.0	64.6	29.4
433	R50Y_062_050de	0.625	0.375	0.125	0.625	0.375	432	66	0.625	0.328	0.25	53.1	18.4	31.7	37.0	58.8	0.602	0.79	0.0	0.0	0.398	0.0	0.0	64.6	29.4
434	R31Y_062_037de	0.625	0.375	0.25	0.625	0.375	437	49	0.625	0.342	0.25	53.1	19.6	20.7	28.5	46.6	0.399	0.579	0.607	0.0	0.0	0.246	0.0	0.0	53.5
435	R00Y_062_025de	0.625	0.375	0.375	0.625	0.375	405	390	0.625	0.375	0.625	55.3	18.0	8.6	20.0	25.4	0.398	0.522	0.423	0.0	0.0	0.254	45.6	72.2	
436	R00Y_062_025de	0.625	0.375	0.5	0.625	0.375	390	0.455	0.375	62.5	52.7	11.9	-7.2	13.9	328.6	0.538	0.303	0.0	0.0	0.736	0.0	1.0	41.4		
437	R00Y_062_025de	0.625	0.25	0.5	0.625	0.375	360	0.455	0.375	62.5	55.3	11.9	-7.2	13.9	328.6	0.538	0.303	0.0	0.0	0.736	0.0	1.0	41.4		
438	B34R_075_037de	0.625	0.375	0.75	0.75	0.562	311	0.399	0.375	62.5	51.9	12.3	-14.4	19.0	310.1	0.614	0.527	0.199	0.0	0.0	0.321	0.0	1.0	31.1	
439	B25R_087_050de	0.625	0.375	0.875	0.875	0.5	0.625	300	0.375	0.427	0.875	52.9	11.7	-20.1	23.3	300.1	0.632	0.491	0.104	0.0	0.105	1.0	28.1		
440	B19R_100_062de	0.625	0.375	1.0	1.0	0.625	0.687	293	0.375	0.498	1.0	55.3	11.0	-25.2	27.5	293.5	0.633	0.453	0.006	0.0	0.198	1.0	31.1		
441	R81Y_062_062de	0.625	0.5	0.0	0.625	0.625	312	79	0.625	0.408	0.0	54.8	8.5	49.0	49.8	80.0	0.415	0.494	0.985	0.0	0.0	0.648	0.0	0.0	73.2
442	R67Y_062_050de	0.625	0.5	0.125	0.625	0.375	71	0.625	0.427	0.125	56.5	8.9	37.9	38.9	76.7	0.404	0.48	0.806	0.0	0.0	0.604	0.0	0.0	70.9	
443	R68Y_062_037de	0.625	0.5	0.25	0.625	0.375	76	0.625	0.453	0.25	58.3	9.2	26.9	28.4	71.1	0.398	0.459	0.644	0.0	0.0	0.543	0.0	0.0	67.4	
444	R50Y_062_025de	0.625	0.5	0.375	0.625	0.375	60	0.625	0.474	0.375	60.0	9.5	15.3	18.5	58.8	0.395	0.44	0.435	0.0	0.0	0.398	0.0	0.0	60.2	
445	R00Y_062_012de	0.625	0.5	0.5	0.625	0.375	390	0.54	0.5	0.625	0.531	62.6	9.0	43.0	18.0	25.4	0.402	0.407	0.335	0.0	0.0	0.254	45.6	72.2	
446	R00Y_062_012de	0.625	0.5	0.625	0.625	0.375	360	0.54	0.5	0.625	0.531	62.6	9.0	43.0	18.0	25.4	0.402	0.407	0.335	0.0	0.0	0.254	45.6	72.2	
447	B25R_075_025de	0.625	0.5	0.75	0.75	0.25	625	0.5	0.526	0.75	60.9	5.8	-10.0	11.6	300.1	0.52	0.401	0.194	0.0	0.105	1.0	28.1			
448	B15R_087_037de	0.625	0.5	0.875	0.875	0.375	289	0.5	0.593	0.875	63.1	5.4	-20.2	20.9	285.0	0.519	0.362	0.102	0.0	0.302	1.0	34.7			
449	B11R_100_050de	0.625	0.5	1.0	1.0	0.5	0.75	284	0.5	0.75	0.875	68.9	-0.4	11.3	92.3	0.399	0.286	0.399	0.0	0.0	0.878	0.0	0.0	83.6	
450	Y00G_062_062de	0.625	0.625	0.0	0.625	0.625	312	90	0.625	0.549	0.0	61.4	-2.2	56.5	56.5	92.3	0.401	0.354	0.978	0.0	0.0	0.878	0.0	0.0	83.6
451	Y00G_062_050de	0.625	0.625	0.125	0.625	0.375	90	0.625	0.564	0.125	62.9	-1.8	45.2	92.3	0.392	0.339	0.815	0.0	0.0	0.878	0.0	0.0	83.6		
452	Y00G_062_037de	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.579	0.25	64.4	-1.3	33.9	33.9	92.3	0.387	0.322	0.668	0.0	0.0	0.878	0.0	0.0	83.6
453	Y00G_062_025de	0.625	0.625	0.375	0.625	0.375	0.5	90	0.625	0.594	0.375	65.9	-0.9	22.6	22.6	92.3	0.388	0.306	0.532	0.0	0.0	0.878	0.0	0.0	83.6
454	Y00G_062_012de	0.625	0.625	0.5	0.625	0.375	0.5	90	0.625	0.609	0.5	67.4	-0.4	11.3	92.3	0.399	0.286	0.399	0.0	0.0	0.878	0.0	0.0	83.6	
455	NW_062de	0.625	0.625	0.625	0.625	0.625	360	0.625	0.625	0.625	68.9	0.0	0.0	0.0	0.0	0.0	0.417	0.26	0.26	0.0	0.0	0.0	0.0	0.0	
456	B00R_087_0																								



TUB material: code=rha4ta
ny0* (CMY0)

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

TUB-test chart PE98; hue code: $H_e^* = R00Y_e$
colors and differences, ΔE^*

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<i>n</i>	<i>HIC</i> * <i>F₁</i>	<i>rgb₁</i> * <i>F₁</i>	<i>lcr₁</i> * <i>F₁</i>	<i>h₁</i> * <i>F₁</i>	<i>rgb₁</i> * <i>F₂</i>	<i>LabCH</i> * <i>F₂</i>	<i>LabCH</i> * <i>F₃</i>	<i>cmym</i> * <i>sep₁</i> * <i>F₂</i>	<i>rgb₁</i> * <i>Mid</i>	<i>h₁</i> * <i>Mid</i>	<i>LabCH</i> * <i>Mid</i>	<i>h₁</i>	<i>h₂</i>	<i>h₃</i>	<i>h₄</i>	<i>h₅</i>	<i>h₆</i>	<i>h₇</i>	<i>h₈</i>	<i>h₉</i>	<i>h₁₀</i>	<i>h₁₁</i>	<i>h₁₂</i>	<i>h₁₃</i>	<i>h₁₄</i>	<i>h₁₅</i>	<i>h₁₆</i>	<i>h₁₇</i>	<i>h₁₈</i>	<i>h₁₉</i>	<i>h₂₀</i>	<i>h₂₁</i>	<i>h₂₂</i>	<i>h₂₃</i>	<i>h₂₄</i>	<i>h₂₅</i>	<i>h₂₆</i>	<i>h₂₇</i>	<i>h₂₈</i>	<i>h₂₉</i>	<i>h₃₀</i>	<i>h₃₁</i>	<i>h₃₂</i>	<i>h₃₃</i>	<i>h₃₄</i>	<i>h₃₅</i>	<i>h₃₆</i>	<i>h₃₇</i>	<i>h₃₈</i>	<i>h₃₉</i>	<i>h₄₀</i>	<i>h₄₁</i>	<i>h₄₂</i>	<i>h₄₃</i>	<i>h₄₄</i>	<i>h₄₅</i>	<i>h₄₆</i>	<i>h₄₇</i>	<i>h₄₈</i>	<i>h₄₉</i>	<i>h₅₀</i>	<i>h₅₁</i>	<i>h₅₂</i>	<i>h₅₃</i>	<i>h₅₄</i>	<i>h₅₅</i>	<i>h₅₆</i>	<i>h₅₇</i>	<i>h₅₈</i>	<i>h₅₉</i>	<i>h₆₀</i>	<i>h₆₁</i>	<i>h₆₂</i>	<i>h₆₃</i>	<i>h₆₄</i>	<i>h₆₅</i>	<i>h₆₆</i>	<i>h₆₇</i>	<i>h₆₈</i>	<i>h₆₉</i>	<i>h₇₀</i>	<i>h₇₁</i>	<i>h₇₂</i>	<i>h₇₃</i>	<i>h₇₄</i>	<i>h₇₅</i>	<i>h₇₆</i>	<i>h₇₇</i>	<i>h₇₈</i>	<i>h₇₉</i>	<i>h₈₀</i>	<i>h₈₁</i>	<i>h₈₂</i>	<i>h₈₃</i>	<i>h₈₄</i>	<i>h₈₅</i>	<i>h₈₆</i>	<i>h₈₇</i>	<i>h₈₈</i>	<i>h₈₉</i>	<i>h₉₀</i>	<i>h₉₁</i>	<i>h₉₂</i>	<i>h₉₃</i>	<i>h₉₄</i>	<i>h₉₅</i>	<i>h₉₆</i>	<i>h₉₇</i>	<i>h₉₈</i>	<i>h₉₉</i>	<i>h₁₀₀</i>	<i>h₁₀₁</i>	<i>h₁₀₂</i>	<i>h₁₀₃</i>	<i>h₁₀₄</i>	<i>h₁₀₅</i>	<i>h₁₀₆</i>	<i>h₁₀₇</i>	<i>h₁₀₈</i>	<i>h₁₀₉</i>	<i>h₁₁₀</i>	<i>h₁₁₁</i>	<i>h₁₁₂</i>	<i>h₁₁₃</i>	<i>h₁₁₄</i>	<i>h₁₁₅</i>	<i>h₁₁₆</i>	<i>h₁₁₇</i>	<i>h₁₁₈</i>	<i>h₁₁₉</i>	<i>h₁₂₀</i>	<i>h₁₂₁</i>	<i>h₁₂₂</i>	<i>h₁₂₃</i>	<i>h₁₂₄</i>	<i>h₁₂₅</i>	<i>h₁₂₆</i>	<i>h₁₂₇</i>	<i>h₁₂₈</i>	<i>h₁₂₉</i>	<i>h₁₃₀</i>	<i>h₁₃₁</i>	<i>h₁₃₂</i>	<i>h₁₃₃</i>	<i>h₁₃₄</i>	<i>h₁₃₅</i>	<i>h₁₃₆</i>	<i>h₁₃₇</i>	<i>h₁₃₈</i>	<i>h₁₃₉</i>	<i>h₁₄₀</i>	<i>h₁₄₁</i>	<i>h₁₄₂</i>	<i>h₁₄₃</i>	<i>h₁₄₄</i>	<i>h₁₄₅</i>	<i>h₁₄₆</i>	<i>h₁₄₇</i>	<i>h₁₄₈</i>	<i>h₁₄₉</i>	<i>h₁₅₀</i>	<i>h₁₅₁</i>	<i>h₁₅₂</i>	<i>h₁₅₃</i>	<i>h₁₅₄</i>	<i>h₁₅₅</i>	<i>h₁₅₆</i>	<i>h₁₅₇</i>	<i>h₁₅₈</i>	<i>h₁₅₉</i>	<i>h₁₆₀</i>	<i>h₁₆₁</i>	<i>h₁₆₂</i>	<i>h₁₆₃</i>	<i>h₁₆₄</i>	<i>h₁₆₅</i>	<i>h₁₆₆</i>	<i>h₁₆₇</i>	<i>h₁₆₈</i>	<i>h₁₆₉</i>	<i>h₁₇₀</i>	<i>h₁₇₁</i>	<i>h₁₇₂</i>	<i>h₁₇₃</i>	<i>h₁₇₄</i>	<i>h₁₇₅</i>	<i>h₁₇₆</i>	<i>h₁₇₇</i>	<i>h₁₇₈</i>	<i>h₁₇₉</i>	<i>h₁₈₀</i>	<i>h₁₈₁</i>	<i>h₁₈₂</i>	<i>h₁₈₃</i>	<i>h₁₈₄</i>	<i>h₁₈₅</i>	<i>h₁₈₆</i>	<i>h₁₈₇</i>	<i>h₁₈₈</i>	<i>h₁₈₉</i>	<i>h₁₉₀</i>	<i>h₁₉₁</i>	<i>h₁₉₂</i>	<i>h₁₉₃</i>	<i>h₁₉₄</i>	<i>h₁₉₅</i>	<i>h₁₉₆</i>	<i>h₁₉₇</i>	<i>h₁₉₈</i>	<i>h₁₉₉</i>	<i>h₂₀₀</i>	<i>h₂₀₁</i>	<i>h₂₀₂</i>	<i>h₂₀₃</i>	<i>h₂₀₄</i>	<i>h₂₀₅</i>	<i>h₂₀₆</i>	<i>h₂₀₇</i>	<i>h₂₀₈</i>	<i>h₂₀₉</i>	<i>h₂₁₀</i>	<i>h₂₁₁</i>	<i>h₂₁₂</i>	<i>h₂₁₃</i>	<i>h₂₁₄</i>	<i>h₂₁₅</i>	<i>h₂₁₆</i>	<i>h₂₁₇</i>	<i></i>
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n	HiC*File	rgb*File	icL*File	hsa*File	rgb*File	LabCh*File	cmv0*SepFile	cmv1*SepFile	hsa*File	rgb*File	LabCh*File																
567	R00Y.087.087a	0.875 0.0 0.0	0.875 0.875 0.437	390	0.875 0.0 0.222	42.9	63.1	70.0	30.1	25.4	0.173	0.986	0.785	0.0	0.0	0.254	456	72.2	34.4	80.0	25.4						
568	R36Y.087.087a	0.875 0.0 0.125	0.875 0.875 0.437	382	0.875 0.0 0.424	43.2	64.8	67.6	16.5	67.6	0.175	0.983	0.578	0.0	0.0	0.485	458	74.1	22.0	77.3	16.5						
569	R20Y.087.087a	0.875 0.0 0.275	0.875 0.875 0.437	374	0.875 0.0 0.627	43.2	67.2	9.0	67.8	7.6	0.175	0.986	0.402	0.0	0.0	0.716	459	76.8	10.3	77.5	7.6						
570	R03Y.087.087a	0.875 0.0 0.375	0.875 0.875 0.437	365	0.809 0.0 0.875	42.4	67.2	-2.7	67.3	357.6	0.236	0.981	0.166	0.0	0.0	1.0	450	76.8	-3.1	76.9	357.6						
571	B70R.087.087a	0.875 0.0 0.475	0.875 0.875 0.437	355	0.65 0.0 0.875	39.4	61.8	-8.3	62.4	352.3	0.368	0.971	0.145	0.0	0.0	1.0	416	70.7	-9.5	71.3	352.3						
572	B36R.087.087a	0.875 0.0 0.625	0.875 0.875 0.437	346	0.485 0.0 0.875	35.1	54.0	-15.7	56.2	343.7	0.529	0.996	0.16	0.0	0.0	1.0	366	61.7	-17.9	64.2	343.7						
573	B56R.087.087a	0.875 0.0 0.775	0.875 0.875 0.437	338	0.371 0.0 0.875	32.7	47.1	-21.0	52.2	338.6	0.763	0.999	0.142	0.0	0.0	1.0	338	54.5	-24.0	59.6	338.6						
574	B56R.087.087a	0.875 0.0 0.875	0.875 0.875 0.437	330	0.281 0.0 0.875	30.2	41.8	-25.5	48.9	326.1	1.036	0.999	0.133	0.0	0.0	1.0	311	47.7	-29.1	55.9	328.6						
575	B44R.100.100a	0.875 0.0 1.0	1.0 0.0 0.5	323	0.246 0.0 1.0	28.8	41.8	-32.7	53.1	321.9	1.572	1.0	0.0	0.0	0.0	1.0	288	41.8	-32.7	53.1	321.9						
576	R13Y.087.087a	0.875 0.125 0.0	0.875 0.875 0.437	38	0.875 0.038 0.0	43.9	59.5	40.7	72.2	34.3	0.171	0.947	1.0	0.0	0.0	0.0	466	68.0	46.6	82.5	34.3						
577	R00Y.087.075a	0.875 0.125 0.125	0.875 0.75 0.5	390	0.875 0.125 0.316	49.2	54.1	25.8	60.0	25.4	0.138	0.847	0.628	0.0	0.0	0.254	456	72.2	34.4	80.0	25.4						
578	R33Y.087.075a	0.875 0.125 0.25	0.875 0.75 0.5	381	0.875 0.125 0.509	49.4	55.7	15.4	57.8	15.4	0.142	0.847	0.472	0.0	0.0	0.512	459	74.3	20.5	77.1	15.4						
579	R18Y.087.075a	0.875 0.125 0.375	0.875 0.75 0.5	371	0.877 0.125 0.745	49.4	58.4	4.4	58.5	4.3	0.147	0.854	0.286	0.0	0.0	1.0	459	77.8	5.8	78.1	4.3						
580	R00Y.087.075a	0.875 0.125 0.5	0.875 0.75 0.5	360	0.677 0.125 0.875	46.0	52.8	-7.3	53.3	352.0	0.321	0.842	0.0	0.0	0.0	1.0	376	64.3	-15.3	66.1	352.0						
581	B65R.087.075a	0.875 0.125 0.625	0.875 0.75 0.5	349	0.577 0.125 0.875	43.2	48.2	-11.4	49.5	346.6	0.537	0.844	0.146	0.0	0.0	1.0	342	55.4	-23.3	60.2	337.1						
582	B57R.087.075a	0.875 0.125 0.75	0.875 0.75 0.5	339	0.455 0.125 0.875	40.7	41.6	-17.5	45.1	337.1	0.843	0.844	0.128	0.0	0.0	1.0	311	47.7	-29.1	55.9	328.6						
583	B50R.087.075a	0.875 0.125 0.875	0.875 0.75 0.5	330	0.366 0.125 0.875	38.3	35.8	-21.8	41.9	328.6	1.036	0.836	0.122	0.0	0.0	1.0	287	41.0	-33.2	52.8	321.0						
584	B43R.100.087a	0.875 0.125 1.0	1.0 0.0 0.5	322	0.326 0.125 1.0	37.1	35.9	-29.0	46.2	321.0	1.675	0.836	0.122	0.0	0.0	1.0	287	41.0	-33.2	52.8	321.0						
585	R00Y.087.075a	0.875 0.25 0.0	0.875 0.875 0.437	46	0.875 0.173 0.0	48.3	49.9	46.5	67.9	43.3	0.169	0.814	1.0	0.0	0.0	0.0	51.7	66.5	53.2	77.6	43.3						
586	R15Y.087.075a	0.875 0.25 0.125	0.875 0.75 0.5	39	0.875 0.176 0.125	50.5	49.9	35.6	61.3	35.5	0.135	0.809	0.778	0.0	0.0	0.068	40	51.7	66.5	47.4	81.7	35.5					
587	R00Y.087.062a	0.875 0.25 0.25	0.875 0.625 0.562	390	0.875 0.25 0.409	55.4	45.1	21.5	50.0	25.4	0.111	0.733	0.399	0.0	0.0	0.254	456	72.2	34.4	80.0	25.4						
588	R31Y.087.062a	0.875 0.25 0.375	0.875 0.625 0.562	379	0.875 0.25 0.606	55.6	46.9	11.0	48.2	13.2	0.119	0.739	0.392	0.0	0.0	0.57	459	75.0	17.6	77.1	13.2						
589	R11Y.087.062a	0.875 0.25 0.5	0.875 0.625 0.562	367	0.682 0.25 0.875	55.7	42.8	-0.1	49.5	359.8	0.128	0.749	0.163	0.0	0.0	1.0	400	69.3	-1.1	79.3	359.8						
590	B60R.087.062a	0.875 0.25 0.625	0.875 0.625 0.562	353	0.546 0.25 0.875	52.0	42.8	-13.7	43.4	359.0	0.31	0.733	0.129	0.0	0.0	1.0	352	63.5	-11.5	69.4	350.4						
591	B59R.087.062a	0.875 0.25 0.75	0.875 0.625 0.562	341	0.461 0.25 0.875	48.8	38.3	-20.2	38.3	359.0	0.442	0.718	0.107	0.0	0.0	1.0	330	57.2	-21.9	61.3	339.0						
592	B42R.100.075a	0.875 0.25 1.0	1.0 0.0 0.5	320	0.415 0.25 1.0	45.3	30.2	-35.7	45.3	320.0	0.897	0.714	0.107	0.0	0.0	1.0	311	47.7	-29.1	55.9	328.6						
593	R00Y.087.075a	0.875 0.375 0.0	0.875 0.875 0.437	55	0.875 0.288 0.0	53.0	39.0	52.4	65.4	53.3	0.165	0.699	1.0	0.0	0.0	0.339	40	44.6	59.9	74.7	53.3						
594	R11Y.087.075a	0.875 0.375 0.125	0.875 0.75 0.5	49	0.875 0.298 0.125	55.1	39.2	41.5	57.1	46.6	0.138	0.691	0.814	0.0	0.0	0.246	53.5	52.2	55.3	63.1	46.6						
595	R31Y.087.075a	0.875 0.375 0.25	0.875 0.625 0.562	41	0.875 0.322 0.25	57.3	36.1	30.6	50.1	37.7	0.105	0.682	0.63	0.0	0.0	0.115	40	48.6	63.4	49.1	80.2	37.7					
596	R00Y.087.050a	0.875 0.375 0.375	0.875 0.5 0.625	390	0.875 0.375 0.502	61.7	36.1	17.2	40.0	25.4	0.098	0.611	0.415	0.0	0.0	1.0	414	70.4	-9.8	71.2	77.2	9.8					
597	R26Y.087.050a	0.875 0.375 0.5	0.875 0.5 0.625	376	0.743 0.375 0.703	61.9	38.0	-6.9	38.6	35.9	0.246	0.616	0.12	0.0	0.0	1.0	360	59.9	-19.6	63.1	341.8						
598	R00Y.087.050a	0.875 0.375 0.625	0.875 0.5 0.625	360	0.636 0.375 0.875	56.9	35.2	-9.8	31.5	341.8	0.346	0.586	0.101	0.0	0.0	1.0	288	41.7	-29.1	55.9	328.6						
599	B61R.087.050a	0.875 0.375 0.75	0.875 0.5 0.625	344	0.535 0.375 0.875	54.4	23.8	-14.5	27.9	328.6	0.461	0.579	0.099	0.0	0.0	1.0	279	18.2	0.0	28.3	388	-34.7	52.1	318.1			
600	B40R.100.062a	0.875 0.375 1.0	1.0 0.625 0.887	319	0.489 0.375 1.0	53.5	24.2	-21.7	32.5	318.1	0.505	0.588	0.0	0.0	0.0	1.0	279	18.2	0.0	28.3	388	-34.7	52.1	318.1			
601	B58Y.087.087a	0.875 0.5 0.0	0.875 0.875 0.437	65	0.875 0.408 0.0	58.5	28.0	58.7	65.1	64.1	0.163	0.584	1.0	0.0	0.0	0.466	60	63.3	32.0	67.1	74.4	64.1					
602	B50Y.087.075a	0.875 0.5 0.125	0.875 0.625 0.562	53	0.875 0.423 0.125	60.1	28.7	47.5	55.5	58.8	0.119	0.572	0.837	0.0	0.0	0.398	60	63.3	32.0	67.1	74.4	64.1					
603	R00Y.087.037a	0.875 0.5 0.375	0.875 0.5 0.625	44	0.875 0.438 0.25	61.9	29.5	36.5	46.9	51.0	0.117	0.562	0.68	0.0	0.0	1.0	50.5	59.2	51.6	78.6	41.0	50.5					
604	R23Y.087.050a	0.875 0.5 0.5	0.875 0.375 0.887	390	0.875 0.5 0.595	67.9	27.0	12.9	30.0	25.4	0.094	0.488	0.331	0.0	0.0	1.0	65	1.0	0.166	0.0	0.0	0.254	456	72.2	34.4	80.0	25.4
605	R00Y.087.037a	0.875 0.5 0.625	0.875 0.375 0.887	371	0.875 0.5 0.81	68.0	29.2	-2.2	29.2	4.3	0.111	0.498	0.176	0.0	0.0	1.0	48.7	58.8	77.8	5.8	78.1	4.3					
606	B65R.087.037a	0.875 0.5 0.75	0.875 0.375 0.887	349	0.726 0.5 0.875	64.9	24.1	-5.7	24.7	346.6	0.269	0.444	0.091	0.0	0.0	1.0	376	64.3	-15.3	66.1	346.6						
607	B50R.087.037a	0.875 0.5 0.875	0.875 0.375 0.887	330	0.62 0.5 0.875	62.5	17.8	-18.0	20.9	328.6	0.422	0.444	0.091	0.0	0.0	1.0	311	47.7</									

n	HC*File	rgb*File	ic*File	hsa*File	rgb*File	LabCH*File	cmy0*sep,File	hsv*File	LabCH*File	hsv*File	rgb*File	LabCH*File
648	R00Y_100_100de	1.0	0.0	0.0	0.0	45.6	0.0	0.0	45.6	0.0	0.0	45.6
649	R38Y_100_100de	1.0	0.0	0.5	0.0	45.8	0.0	0.0	45.8	0.0	0.0	45.8
650	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
651	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
652	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
653	R68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
654	B61R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
655	B55R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
656	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
657	R11Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
658	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
659	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
660	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
661	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
662	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
663	B68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
664	B55R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
665	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
666	R23Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
667	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
668	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
669	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
670	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
671	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
672	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
673	B68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
674	B55R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
675	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
676	R23Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
677	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
678	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
679	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
680	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
681	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
682	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
683	B68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
684	B55R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
685	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
686	R41Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
687	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
688	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
689	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
690	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
691	B61R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
692	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
693	R63Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
694	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
695	R50Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
696	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
697	R23Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
698	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
699	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
700	B68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
701	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
702	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
703	R26Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
704	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
705	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
706	B68R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
707	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
708	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
709	R38Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
710	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
711	R88Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
712	R63Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
713	R88Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
714	R13Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
715	R63Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
716	R88Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
717	R50Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
718	R00Y_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
719	B50R_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
720	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
721	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
722	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
723	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
724	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
725	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
726	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
727	Y00C_100_100de	1.0	0.0	0.5	0.0	46.0	0.0	0.0	46.0	0.0	0.0	46.0
728	NW_100de	1.0	0.0	1.0	0.0	95.6	0.0	0.0	95.6	0.0	0.0	95.6



TUB material: code=rha4ta
ny0* (CMY0)

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

	HIC ^{*Fide}	rgb ^{*Fide}	lcr ^{*Fide}	hsa ^{*Fide}	rgb ^{*Fide}	LutCH ^{*Fide}	cmyk ^{*sep,Fide}	hsa ^{*Mid}	rgb ^{*Mid}	LutCH ^{*Mid}		
729	NW_100de	1.0	1.0	1.0	0.0	1.0	95.6	0.0	0.0	0.0	0.0	
730	G50B_100.012de	0.875	1.0	1.0	0.125	0.937	210	360	1.0	1.0	0.0	
731	G50B_100.025de	0.75	1.0	1.0	0.25	0.875	210	360	1.0	1.0	0.0	
732	G50B_100.037de	0.625	1.0	1.0	0.375	0.812	210	360	1.0	1.0	0.0	
733	G50B_100.050de	0.5	1.0	1.0	0.5	0.75	210	360	1.0	1.0	0.0	
734	G50B_100.062de	0.375	1.0	1.0	0.625	0.687	210	360	1.0	1.0	0.0	
735	G50B_100.075de	0.25	1.0	1.0	0.75	0.625	210	360	1.0	1.0	0.0	
736	G50B_100.087de	0.125	1.0	1.0	0.875	0.562	210	360	1.0	1.0	0.0	
737	G50B_100.100de	0.0	1.0	1.0	1.0	0.5	210	360	1.0	1.0	0.0	
738	ROXY_100.012de	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	1.0	0.0	
739	NW_087de	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	0.0	
740	G50B_087.012de	0.75	0.875	0.875	0.125	0.812	210	360	1.0	1.0	0.0	
741	G50B_087.025de	0.625	0.875	0.875	0.25	0.75	210	360	1.0	1.0	0.0	
742	G50B_087.037de	0.5	0.875	0.875	0.375	0.687	210	360	1.0	1.0	0.0	
743	G50B_087.050de	0.375	0.875	0.875	0.5	0.625	210	360	1.0	1.0	0.0	
744	G50B_087.062de	0.25	0.875	0.875	0.625	0.562	210	360	1.0	1.0	0.0	
745	G50B_087.075de	0.125	0.875	0.875	0.75	0.5	210	360	1.0	1.0	0.0	
746	G50B_087.087de	0.0	0.875	0.875	0.875	0.437	210	360	1.0	1.0	0.0	
747	ROXY_100.025de	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	1.0	0.0	
748	G50B_087.012de	0.875	0.75	0.75	0.875	0.125	0.812	390	1.0	1.0	0.0	
749	NW_075de	0.75	0.75	0.75	0.75	0.75	360	0.75	0.75	0.75	0.0	
750	G50B_075.012de	0.625	0.75	0.75	0.625	0.687	210	360	1.0	1.0	0.0	
751	G50B_075.025de	0.5	0.75	0.75	0.5	0.625	210	360	1.0	1.0	0.0	
752	G50B_075.037de	0.375	0.75	0.75	0.375	0.562	210	360	1.0	1.0	0.0	
753	G50B_075.050de	0.25	0.75	0.75	0.5	0.5	210	360	1.0	1.0	0.0	
754	G50B_075.062de	0.125	0.75	0.75	0.625	0.437	210	360	1.0	1.0	0.0	
755	G50B_075.075de	0.0	0.75	0.75	0.75	0.375	210	360	1.0	1.0	0.0	
756	ROXY_100.037de	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	1.0	0.0	
757	ROXY_087.025de	0.875	0.625	0.625	0.875	0.25	0.75	390	1.0	1.0	0.0	
758	NW_075.012de	0.75	0.625	0.625	0.75	0.125	0.687	390	1.0	1.0	0.0	
759	NW_062de	0.625	0.625	0.625	0.625	0.625	360	0.625	0.625	0.625	0.0	
760	G50B_062.012de	0.5	0.625	0.625	0.625	0.562	210	360	1.0	1.0	0.0	
761	G50B_062.025de	0.375	0.625	0.625	0.625	0.5	210	360	1.0	1.0	0.0	
762	G50B_062.037de	0.25	0.625	0.625	0.625	0.375	210	360	1.0	1.0	0.0	
763	G50B_062.050de	0.125	0.625	0.625	0.625	0.25	210	360	1.0	1.0	0.0	
764	G50B_062.062de	0.0	0.625	0.625	0.625	0.125	210	360	1.0	1.0	0.0	
765	ROXY_100.050de	1.0	0.5	1.0	0.5	0.75	390	1.0	1.0	1.0	0.0	
766	ROXY_087.037de	0.875	0.5	0.875	0.375	0.687	390	0.875	0.5	0.875	0.0	
767	ROXY_075.025de	0.75	0.5	0.75	0.25	0.625	390	0.75	0.5	0.625	0.0	
768	ROXY_062.012de	0.625	0.5	0.625	0.125	0.562	390	0.625	0.5	0.531	0.0	
769	NW_050de	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	0.0	
770	G50B_050.012de	0.375	0.5	0.5	0.125	0.437	210	360	0.375	0.5	0.468	0.0
771	G50B_050.025de	0.25	0.5	0.5	0.25	0.375	210	360	0.25	0.436	0.0	
772	G50B_050.037de	0.125	0.5	0.5	0.375	0.312	210	360	0.125	0.405	0.0	
773	G50B_050.050de	0.0	0.5	0.5	0.5	0.25	210	360	0.0	0.373	0.0	
774	ROXY_100.062de	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.534	0.0
775	ROXY_087.050de	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.502	0.0
776	ROXY_075.037de	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.47	0.0
777	ROXY_062.025de	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.438	0.0
778	ROXY_050.012de	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.406	0.0
779	NW_037de	0.375	0.375	0.375	0.375	0.375	360	0.375	0.375	0.375	0.0	0.0
780	G50B_037.012de	0.25	0.375	0.375	0.375	0.312	210	360	0.25	0.343	0.0	0.0
781	G50B_037.025de	0.125	0.375	0.375	0.25	0.25	210	360	0.125	0.311	0.0	0.0
782	G50B_037.037de	0.0	0.375	0.375	0.375	0.187	210	360	0.0	0.28	0.0	0.0
783	ROXY_100.075de	1.0	0.25	1.0	0.75	0.625	390	1.0	0.25	0.441	0.0	0.0
784	ROXY_087.062de	0.875	0.25	0.875	0.625	0.562	390	0.875	0.25	0.409	0.0	0.0
785	ROXY_075.050de	0.75	0.25	0.75	0.5	0.5	390	0.75	0.25	0.377	0.0	0.0
786	ROXY_062.037de	0.625	0.25	0.625	0.375	0.437	390	0.625	0.25	0.345	0.0	0.0
787	ROXY_050.025de	0.5	0.25	0.5	0.25	0.375	390	0.5	0.25	0.313	0.0	0.0
788	ROXY_037.012de	0.375	0.25	0.375	0.125	0.312	390	0.375	0.25	0.281	0.0	0.0
789	NW_025de	0.25	0.25	0.25	0.25	0.25	360	0.25	0.25	0.25	0.0	0.0
790	G50B_025.012de	0.125	0.25	0.25	0.125	0.187	210	360	0.125	0.187	0.0	0.0
791	G50B_025.025de	0.0	0.25	0.25	0.25	0.125	210	360	0.0	0.166	0.0	0.0
792	ROXY_100.087de	1.0	0.125	1.0	0.875	0.562	390	1.0	0.125	0.347	0.0	0.0
793	ROXY_087.075de	0.875	0.125	0.875	0.5	0.5	390	0.875	0.125	0.316	0.0	0.0
794	ROXY_075.062de	0.75	0.125	0.75	0.375	0.437	390	0.75	0.125	0.284	0.0	0.0
795	ROXY_062.050de	0.625	0.125	0.625	0.5	0.375	390	0.625	0.125	0.252	0.0	0.0
796	ROXY_050.037de	0.5	0.125	0.5	0.375	0.312	390	0.5	0.125	0.22	0.0	0.0
797	ROXY_037.025de	0.375	0.125	0.375	0.125	0.187	390	0.375	0.125	0.156	0.0	0.0
798	ROXY_025.012de	0.25	0.125	0.25	0.125	0.125	360	0.25	0.125	0.125	0.0	0.0
799	NW_012de	0.125	0.125	0.125	0.125	0.125	360	0.125	0.125	0.125	0.0	0.0
800	G50B_012.012de	0.0	0.125	0.125	0.125	0.062	210	360	0.0	0.093	0.0	0.0
801	ROXY_100.100de	1.0	0.0	1.0	0.5	0.390	1.0	0.0	0.222	0.456	0.0	0.0
802	ROXY_087.087de	0.875	0.0	0.875	0.375	0.390	0.875	0.0	0.224	0.429	0.0	0.0
803	ROXY_075.075de	0.75	0.0	0.75	0.375	0.390	0.75	0.0	0.199	0.403	0.0	0.0
804	ROXY_062.062de	0.625	0.0	0.625	0.375	0.390	0.625	0.0	0.159	0.376	0.0	0.0
805	ROXY_050.050de	0.5	0.0	0.5	0.25	0.390	0.5	0.0	0.127	0.35	0.0	0.0
806	ROXY_037.037de	0.375	0.0	0.375	0.375	0.390	0.375	0.0	0.095	0.323	0.0	0.0
807	ROXY_025.025de	0.25	0.0	0.25	0.25	0.125	390	0.25	0.071	0.294	0.0	0.0
808	ROXY_012.012de	0.125	0.0	0.125	0.125	0.062	390	0.125	0.031	0.270	0.0	0.0
809	NW_000de	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	0.0	0.0

Mean color difference of this page: 1.0

delta

n	HVC-Fide	rgb-Fide	icr-Fide	hsa-Fide	rgb*Fide	LabCh*Fide	cmyk*sep-Fide	hsv*Fide	LabCh*Fide	hsv*Fide	LabCh*Fide	hsv*Fide
810	NW_100de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.932 1.0	95.6 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	95.6 0.0	0.0 0.0
811	BOOR_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.875 0.932 1.0	88.7 0.1	-5.0 5.0	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
812	BOOR_100.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.843 0.875 1.0	81.7 0.3	-10.1 10.1	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
813	BOOR_100.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.811 0.875 1.0	74.8 0.4	-15.2 15.2	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
814	BOOR_100.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.779 0.875 1.0	67.9 0.6	-20.3 20.3	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
815	BOOR_100.062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.747 0.875 1.0	61.0 0.7	-25.4 25.4	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
816	BOOR_100.075de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.715 0.875 1.0	54.1 0.9	-30.5 30.5	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
817	BOOR_100.087de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.683 0.875 1.0	47.2 1.0	-35.6 35.6	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
818	BOOR_100.100de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.651 0.875 1.0	40.3 1.1	-40.6 40.6	0.0 0.0	0.0 0.0	0.0 0.0	4.58 1.0	0.0 0.0
819	YOCG_100.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.984 0.875 94.1	-0.4 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
820	NW_087de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.875 0.875 86.7	0.0 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
821	BOOR_087.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.843 0.875 79.7	0.1 -5.0	5.0 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
822	BOOR_087.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.811 0.875 72.8	0.3 -10.1	10.1 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
823	BOOR_087.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.779 0.875 65.9	0.4 -15.2	15.2 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
824	BOOR_087.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.747 0.875 59.0	0.6 -20.3	20.3 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
825	BOOR_087.062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.715 0.875 52.1	0.7 -25.4	25.4 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
826	BOOR_087.075de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.683 0.875 45.1	0.9 -30.5	30.5 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
827	BOOR_087.087de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.651 0.875 38.2	1.0 -35.6	35.6 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
828	YOCG_100.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.969 0.75 92.6	-0.9 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
829	NW_075de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.859 0.75 85.2	-0.4 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
830	BOOR_075.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.775 0.75 77.8	0.0 5.0	5.0 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
831	BOOR_075.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.743 0.75 70.8	0.1 -10.1	10.1 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
832	BOOR_075.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.711 0.75 63.9	0.3 -15.2	15.2 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
833	BOOR_075.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.679 0.75 57.0	0.4 -20.3	20.3 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
834	BOOR_075.062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.647 0.75 50.1	0.6 -25.4	25.4 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
835	BOOR_075.075de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.615 0.75 43.2	0.7 -30.5	30.5 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
836	BOOR_075.087de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.583 0.75 36.3	0.9 -35.6	35.6 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
837	YOCG_100.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.984 0.625 91.1	-1.3 33.9	33.9 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
838	BOOR_087.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.844 0.625 83.7	-0.9 22.6	22.6 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
839	YOCG_075.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.734 0.625 76.3	-0.4 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
840	NW_062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.625 0.625 68.9	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
841	BOOR_062.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.557 0.625 61.9	0.1 -5.0	5.0 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
842	BOOR_062.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.489 0.625 55.0	0.3 -10.1	10.1 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
843	BOOR_062.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.421 0.625 48.1	0.4 -15.2	15.2 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
844	BOOR_062.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.353 0.625 41.2	0.6 -20.3	20.3 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
845	BOOR_062.062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.285 0.625 34.3	0.7 -25.4	25.4 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
846	YOCG_100.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.939 0.5 89.6	-1.8 45.2	45.2 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
847	BOOR_087.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.829 0.5 82.2	-1.3 33.9	33.9 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
848	YOCG_075.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.719 0.5 74.8	-0.9 22.6	22.6 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
849	NW_062.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.609 0.5 67.4	-0.4 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
850	NW_050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.5 0.5 60.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
851	BOOR_050.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.432 0.5 53.0	0.1 -5.0	5.0 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
852	BOOR_050.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.364 0.5 46.1	0.3 -10.1	10.1 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
853	BOOR_050.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.296 0.5 39.2	0.4 -15.2	15.2 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
854	BOOR_050.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.228 0.5 32.3	0.6 -20.3	20.3 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
855	BOOR_050.062de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.160 0.5 25.4	0.7 -25.4	25.4 27.1	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
856	YOCG_087.050de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.914 0.375 88.1	-1.2 56.5	56.5 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
857	YOCG_075.037de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.814 0.375 80.7	-1.8 45.2	45.2 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
858	YOCG_062.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.704 0.375 73.3	-1.3 33.9	33.9 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
859	NW_050.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.594 0.375 65.9	-0.9 22.6	22.6 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
860	BOOR_037.012de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.484 0.375 58.5	-0.4 11.3	11.3 92.3	0.0 0.0	0.0 0.0	0.0 0.0	0.878 0.0	90.4 92.3
861	BOOR_037.025de	0.875 0.875 1.0	1.0 1.0 1.0	0.875 0.875 1.0	0.375 0.375 51.0	0.0 0.0	0.0 0.0	0.0 0.0				

F: 3D-linearization PE98/PE98LE30FP.DAT in file (F), page 31/33										input: rgb/cmyk -> rgbd output: 3D-linearization to cmy0*de									
n	HVC-File	rgb-File	icr-File	hsa-File	rgb*File	LabCh*File	cmyk*sep-File	delta	mean color difference of this page:	hsa*de	rgb*de	LabCh*de	delta	mean color difference of this page:	hsa*de	rgb*de	LabCh*de	delta	mean color difference of this page:
891	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	95.6 0.0 0.0	0.0 0.0 0.0	0.0	0.0	360 0.0 0.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	360 0.0 0.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0
892	B50R_100.012de	0.875 1.0 1.0	0.125 0.937 1.0	0.915 0.875 1.0	0.875 1.0 1.0	87.5 5.9 0.0	0.0 0.0 0.0	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
893	B50R_100.025de	0.75 1.0 1.0	0.25 0.812 1.0	0.83 0.75 1.0	0.875 1.0 1.0	79.5 17.9 0.0	-3.6 6.9 328.6	0.085	0.144	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
894	B50R_100.037de	0.625 1.0 1.0	0.375 0.812 1.0	0.745 0.625 1.0	0.875 1.0 1.0	71.4 17.9 0.0	-10.9 20.9 328.6	0.256	0.396	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
895	B50R_100.050de	0.5 1.0 1.0	0.5 0.75 0.39	0.66 0.5 1.0	0.875 1.0 1.0	65.3 23.8 0.0	-14.5 27.9 328.6	0.401	0.592	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
896	B50R_100.062de	0.375 1.0 1.0	0.625 0.687 390	0.576 0.375 1.0	0.875 1.0 1.0	55.3 29.8 0.0	-18.2 34.9 328.6	0.596	0.848	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
897	B50R_100.075de	0.25 1.0 1.0	0.75 0.625 390	0.491 0.25 1.0	0.875 1.0 1.0	47.2 35.8 0.0	-21.8 41.9 328.6	0.848	1.125	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
898	B50R_100.087de	0.125 1.0 1.0	0.875 0.562 390	0.406 0.125 1.0	0.875 1.0 1.0	39.1 41.8 0.0	-25.5 48.9 328.6	1.125	1.622	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
899	B50R_100.100de	0.0 1.0 1.0	1.0 0.5 0.39	0.321 0.0 1.0	0.875 1.0 1.0	31.1 47.7 -29.1	2.4 8.1 162.2	1.622	2.34	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
900	GOB_100.012de	0.875 1.0 0.875	0.125 0.937 1.0	0.875 1.0 0.875	1.0 1.0 1.0	95.6 0.0 0.0	0.0 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0
901	NW_087de	0.875 0.875 0.875	0.875 0.875 0.875	0.875 0.875 0.875	0.875 0.875 0.875	87.5 86.7 0.0	0.0 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0
902	B50R_087.012de	0.875 0.75 0.875	0.875 0.125 0.812	0.875 0.75 0.875	0.875 0.75 0.875	86.7 5.9 0.0	-3.6 6.9 328.6	0.085	0.144	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
903	B50R_087.025de	0.875 0.625 0.875	0.875 0.25 0.75	0.875 0.625 0.875	0.875 0.625 0.875	79.5 17.9 0.0	-10.9 20.9 328.6	0.256	0.396	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
904	B50R_087.037de	0.875 0.5 0.875	0.875 0.375 0.687	0.875 0.5 0.875	0.875 0.5 0.875	71.4 17.9 0.0	-14.5 27.9 328.6	0.401	0.592	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
905	B50R_087.050de	0.875 0.375 0.875	0.875 0.625 0.562	0.875 0.375 0.875	0.875 0.375 0.875	65.3 23.8 0.0	-18.2 34.9 328.6	0.596	0.848	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
906	B50R_087.062de	0.875 0.25 0.875	0.875 0.75 0.5	0.875 0.25 0.875	0.875 0.25 0.875	55.3 29.8 0.0	-21.8 41.9 328.6	0.848	1.125	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
907	B50R_087.075de	0.875 0.125 0.875	0.875 0.875 0.39	0.875 0.125 0.875	0.875 0.125 0.875	47.2 35.8 0.0	-25.5 48.9 328.6	1.125	1.622	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
908	B50R_087.087de	0.875 0.0 0.875	0.875 0.875 0.437	0.875 0.0 0.875	0.875 0.0 0.875	39.1 41.8 0.0	-25.5 48.9 328.6	1.622	2.34	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
909	GOB_100.025de	0.75 1.0 0.75	0.875 0.125 0.812	0.875 0.75 0.875	0.875 0.75 0.875	86.7 5.9 0.0	-3.6 6.9 328.6	0.085	0.144	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
910	GOB_100.037de	0.75 0.875 0.75	0.875 0.25 0.75	0.875 0.75 0.875	0.875 0.75 0.875	79.5 17.9 0.0	-10.9 20.9 328.6	0.256	0.396	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
911	NW_075de	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	0.75 0.75 0.75	77.8 0.0 0.0	0.0 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0
912	B50R_075.012de	0.75 0.625 0.75	0.75 0.125 0.687	0.75 0.625 0.75	0.75 0.625 0.75	69.7 5.9 0.0	-3.6 6.9 328.6	0.085	0.144	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
913	B50R_075.025de	0.75 0.5 0.75	0.75 0.25 0.625	0.75 0.5 0.75	0.75 0.5 0.75	61.6 11.9 0.0	-7.2 13.9 328.6	0.256	0.396	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
914	B50R_075.037de	0.75 0.375 0.75	0.75 0.375 0.562	0.75 0.375 0.75	0.75 0.375 0.75	53.6 17.9 0.0	-10.9 20.9 328.6	0.401	0.592	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
915	B50R_075.050de	0.75 0.25 0.75	0.75 0.625 0.437	0.75 0.25 0.75	0.75 0.25 0.75	45.5 23.8 0.0	-14.5 27.9 328.6	0.596	0.848	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
916	B50R_075.062de	0.75 0.125 0.75	0.75 0.75 0.39	0.75 0.125 0.75	0.75 0.125 0.75	37.5 29.8 0.0	-18.2 34.9 328.6	0.848	1.125	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
917	B50R_075.075de	0.75 0.0 0.75	0.75 0.875 0.437	0.75 0.0 0.75	0.75 0.0 0.75	29.8 35.8 0.0	-21.8 41.9 328.6	1.125	1.622	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
918	GOB_100.037de	0.625 1.0 0.625	1.0 0.375 0.812	1.0 0.625 1.0	0.687 78.7 15.5	78.7 15.5 0.0	-15.5 4.9 16.3	162.2	0.5	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2
919	GOB_087.025de	0.625 0.875 0.625	0.875 0.25 0.75	0.625 0.875 0.625	0.625 0.875 0.625	75.4 -15.5 4.9	16.3 16.3 162.2	0.5	0.5	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2
920	GOB_075.012de	0.625 0.75 0.625	0.625 0.75 0.625	0.625 0.75 0.625	0.625 0.75 0.625	72.1 -7.7 2.4	8.1 8.1 162.2	0.5	0.5	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2
921	NW_062de	0.625 0.625 0.625	0.625 0.625 0.625	0.625 0.625 0.625	0.625 0.625 0.625	68.9 0.0 0.0	0.0 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	360 1.0 1.0	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0
922	B50R_062.012de	0.625 0.5 0.625	0.625 0.125 0.562	0.625 0.5 0.625	0.625 0.5 0.625	60.8 5.9 0.0	-3.6 6.9 328.6	0.085	0.144	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
923	B50R_062.025de	0.625 0.375 0.625	0.625 0.25 0.5	0.625 0.375 0.625	0.625 0.375 0.625	52.7 11.9 0.0	-7.2 13.9 328.6	0.256	0.396	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
924	B50R_062.037de	0.625 0.25 0.625	0.625 0.375 0.437	0.625 0.25 0.625	0.625 0.25 0.625	44.7 17.9 0.0	-10.9 20.9 328.6	0.401	0.592	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
925	B50R_062.050de	0.625 0.125 0.625	0.625 0.625 0.375	0.625 0.125 0.625	0.625 0.125 0.625	36.6 23.8 0.0	-14.5 27.9 328.6	0.596	0.848	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
926	B50R_062.062de	0.625 0.0 0.625	0.625 0.625 0.312	0.625 0.0 0.625	0.625 0.0 0.625	28.1 29.8 0.0	-18.2 34.9 328.6	0.848	1.125	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
927	GOB_100.050de	0.5 1.0 0.5	0.5 0.75 0.39	0.5 1.0 0.5	0.5 1.0 0.5	31.1 47.7 -29.1	2.4 8.1 162.2	1.622	2.34	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0	288 0.321 0.0	1.0 1.0 1.0	311 47.7 -29.1	0.0	0.0
928	GOB_087.037de	0.5 0.875 0.5	0.875 0.375 0.687	0.5 0.875 0.5	0.875 0.375 0.687	23.2 7.4 24.4	16.3 16.3 162.2	0.5	0.5	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2
929	GOB_075.025de	0.5 0.75 0.5	0.75 0.25 0.625	0.5 0.75 0.5	0.75 0.25 0.625	16.5 -15.5 4.9	16.3 16.3 162.2	0.5	0.5	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	162.2	158 0.0 1.0	1.0 1.0 1.0	50.6 -62.1 19.9	65.2	16



TUB material: code=rha4ta
my0* (CMY0)

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

TUB-test chart PE98; hue code: $H_e^* = R00Y_e$
colors and differences, ΔE^*

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-1133131-E0

[illegible]

n	HCh*File	rgb*File	lct*File	l*a*File	l*b*File	l*a*File	l*b*File	LabCh*File	cmyn*sep*File	0.099	0.108	0.099	0.0	hsl*de	rgb*File	LabCh*File	0.0	0.0	0.0
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	0.866 0.866 0.866	0.866 0.866 0.866	86.6 0.0 0.0	0.173	0.108	0.099	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	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	0.933 0.933 0.933	0.933 0.933 0.933	93.3 0.0 0.0	0.09	0.054	0.05	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	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	1.0 1.0 1.0	1.0 1.0 1.0	100.0 0.0 0.0	1.0	1.0	1.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1056	NW_100de	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	0.066 0.066 0.066	6.6 0.0 0.0	0.935	0.855	0.825	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	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	0.133 0.133 0.133	0.133 0.133 0.133	13.3 0.0 0.0	0.879	0.763	0.725	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1058	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	0.266 0.266 0.266	0.266 0.266 0.266	26.6 0.0 0.0	0.799	0.661	0.614	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1059	NW_026de	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	0.2 0.2 0.2	2.0 0.0 0.0	0.731	0.571	0.537	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1060	NW_026de	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	0.333 0.333 0.333	33.3 0.0 0.0	0.682	0.507	0.485	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1061	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	0.333 0.333 0.333	0.333 0.333 0.333	33.3 0.0 0.0	0.636	0.454	0.433	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1062	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	0.4 0.4 0.4	0.4 0.4 0.4	4.0 0.0 0.0	0.574	0.404	0.381	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1063	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	0.466 0.466 0.466	0.466 0.466 0.466	46.6 0.0 0.0	0.509	0.354	0.331	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1064	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	0.533 0.533 0.533	0.533 0.533 0.533	53.3 0.0 0.0	0.442	0.278	0.278	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1065	NW_060de	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	0.6 0.6 0.6	6.0 0.0 0.0	0.377	0.228	0.228	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1066	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	0.666 0.666 0.666	0.666 0.666 0.666	66.6 0.0 0.0	0.314	0.191	0.186	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1067	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	0.734 0.734 0.734	0.734 0.734 0.734	73.4 0.0 0.0	0.252	0.153	0.146	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1068	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	0.8 0.8 0.8	0.8 0.8 0.8	8.0 0.0 0.0	0.173	0.108	0.099	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1069	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	0.866 0.866 0.866	0.866 0.866 0.866	86.6 0.0 0.0	0.09	0.054	0.05	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1070	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	0.933 0.933 0.933	0.933 0.933 0.933	93.3 0.0 0.0	1.0	1.0	1.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1071	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	1.0 1.0 1.0	1.0 1.0 1.0	100.0 0.0 0.0	1.0	1.0	1.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1072	NW_100de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1073	ROY_100_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	1.0 1.0 1.0	1.0 1.0 1.0	100.0 0.0 0.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1074	ROY_100_100de	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	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	1.0	1.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1075	G50E_100_100de	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 50.0 100.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1076	G50E_100_100de	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	100.0 0.0 0.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1077	B00E_100_100de	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 0.0 100.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1078	B00E_100_100de	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	100.0 0.0 0.0	0.0	0.0	0.0	0.0	360	1.0 1.0 1.0	95.6 0.0 0.0	0.0	0.0	0.0	
1079	B50E_100_100de	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 1.0 1.0	0.0 50.0 100.0	0.677	0.999	0.999	0.0	288	0.321 0.0 1.0	31.1 47.7	-29.1	55.9	328.6	

Mean color difference of this page:

delta