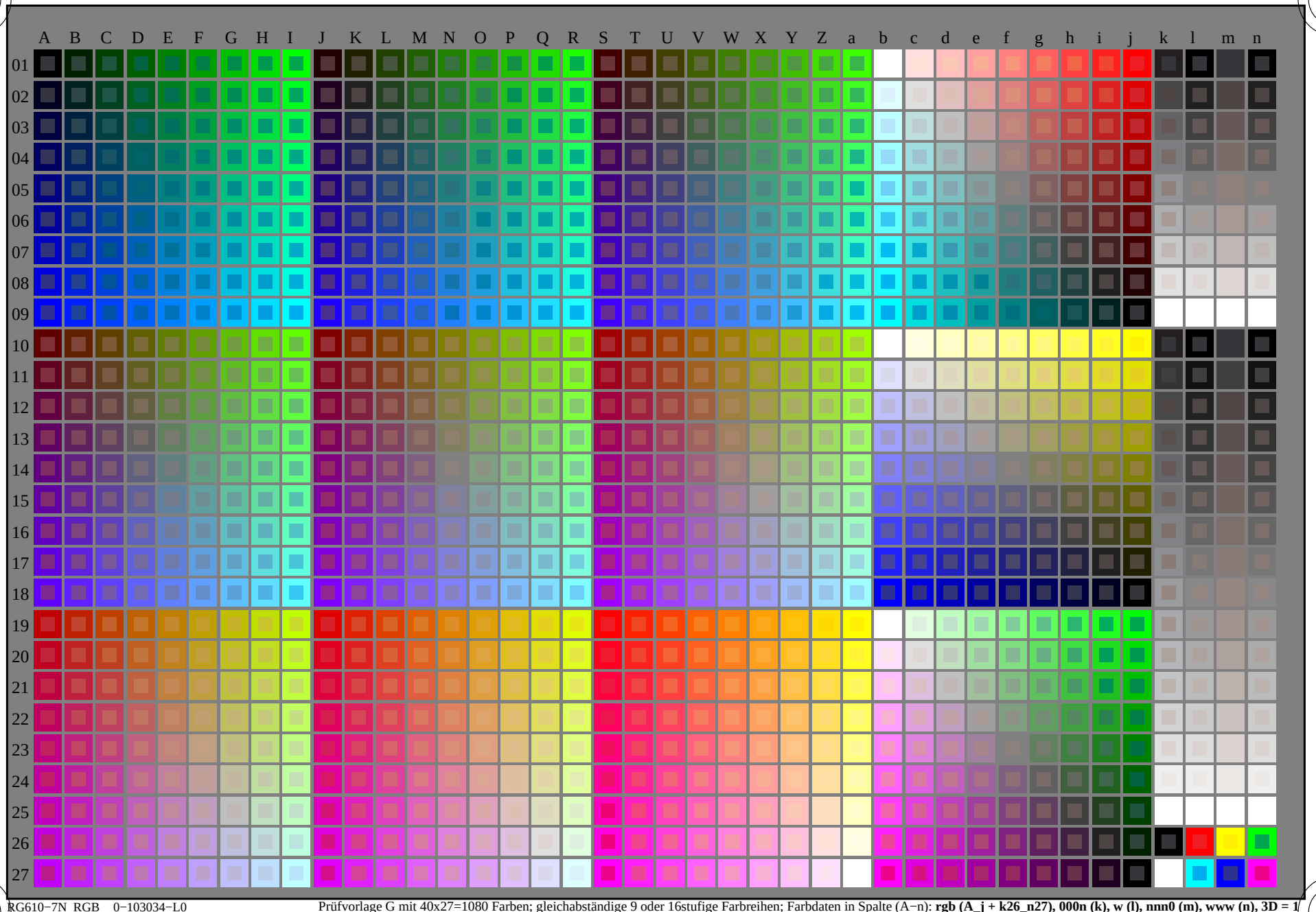


Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS
Anwendung für Messung von Laserdrucker-Ausgabe

TUB-Material: Code=rha4ta

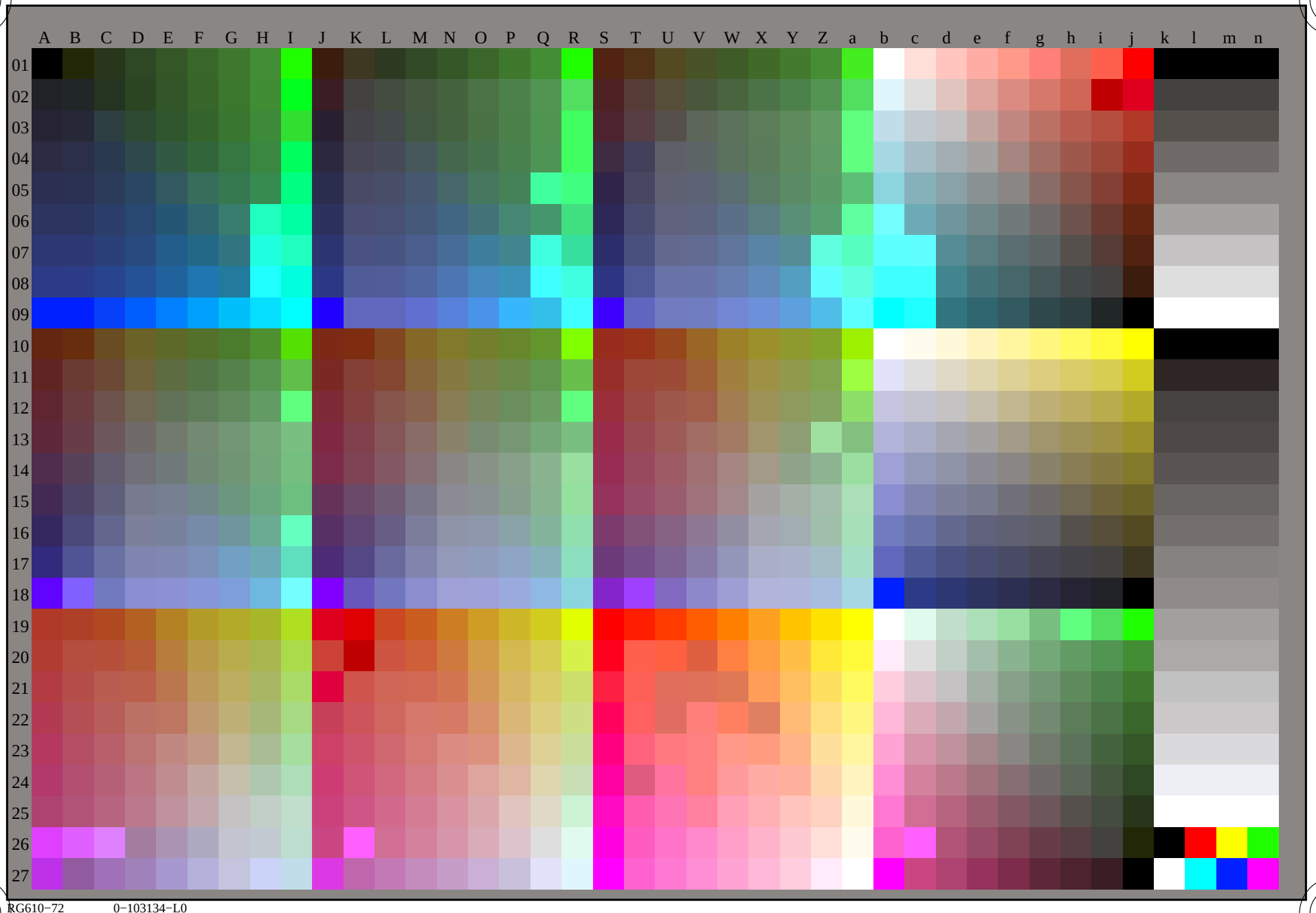
RG610−7N_RGB 0−103034−L0

Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): **rgb (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk −> rgb/cmyk*
Ausgabe: keine Änderung

http://130.149.60.45/~farbmetrik/RG61/RG61L0FA.TXT /.PS; 3D-Linearisierung
F: 3D-Linearisierung RG61/RG61LG30FA.DAT in Datei (F), Seite 2/33



TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

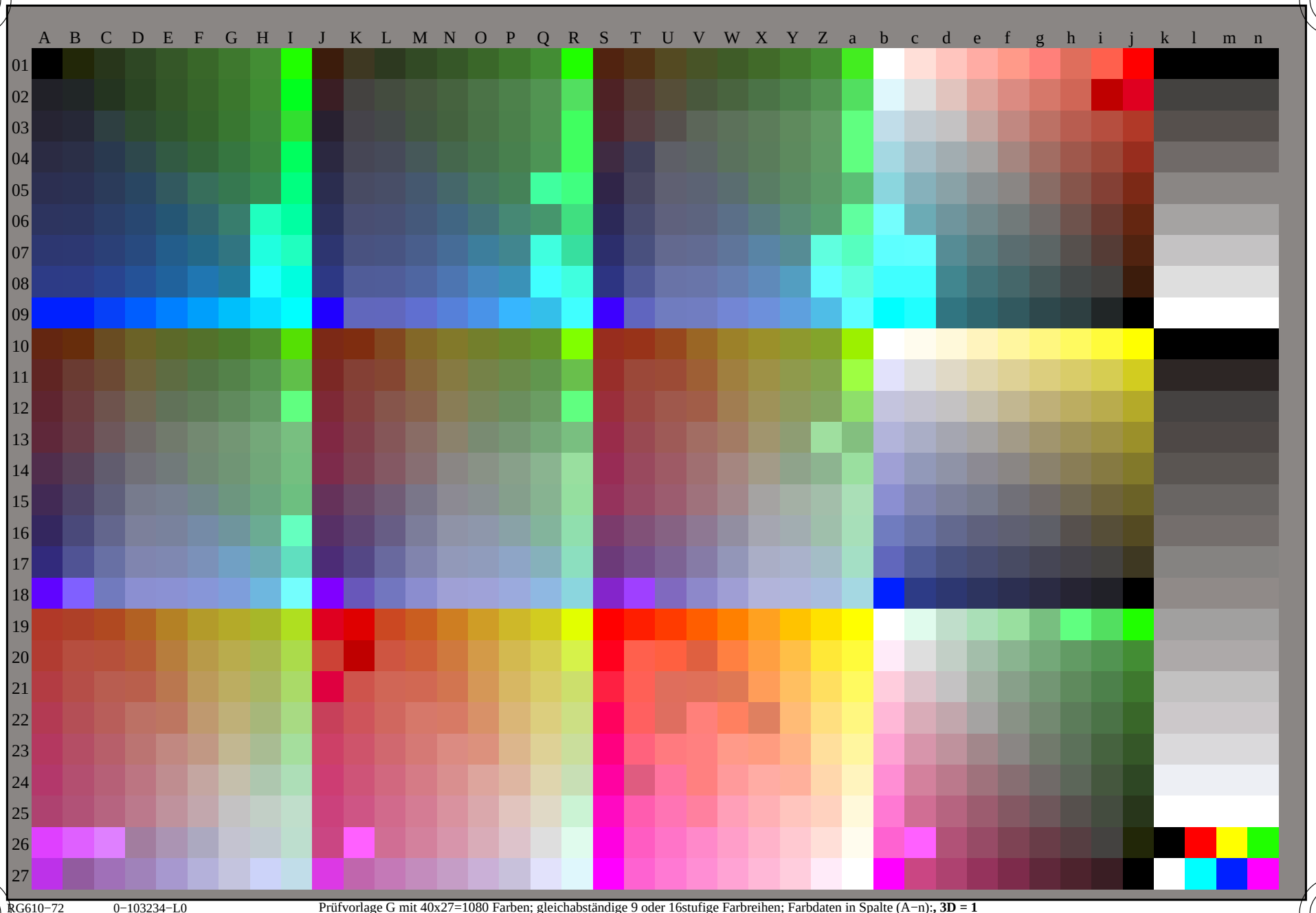
Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

RG610−72 0−103134−L0

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872, 3D=1, de=0, *rgb**

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^{*}_{dd}

0−103134−F0



RG610−72 0−103234−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

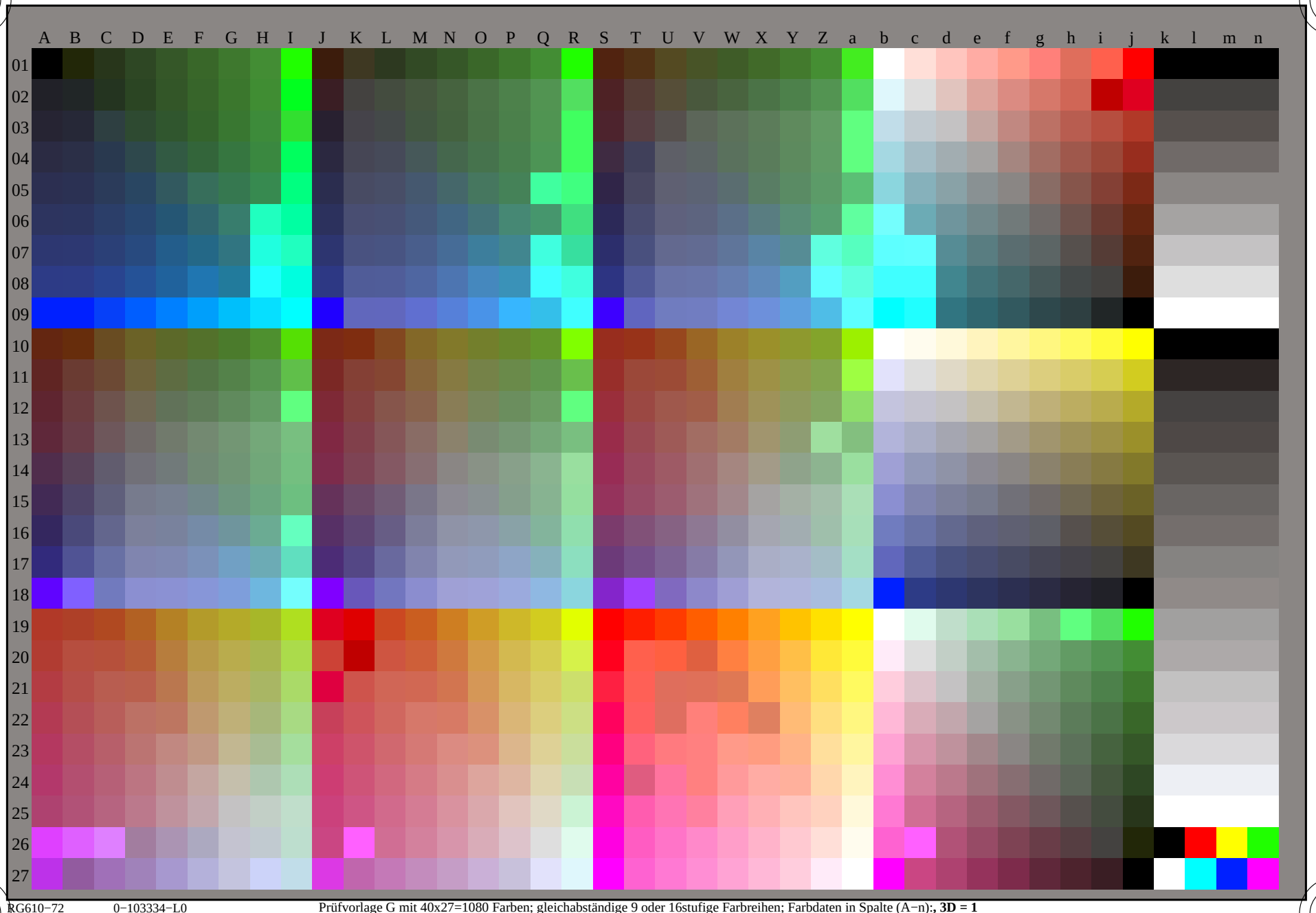
TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

0−103234−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)



RG610−72 0−103334−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

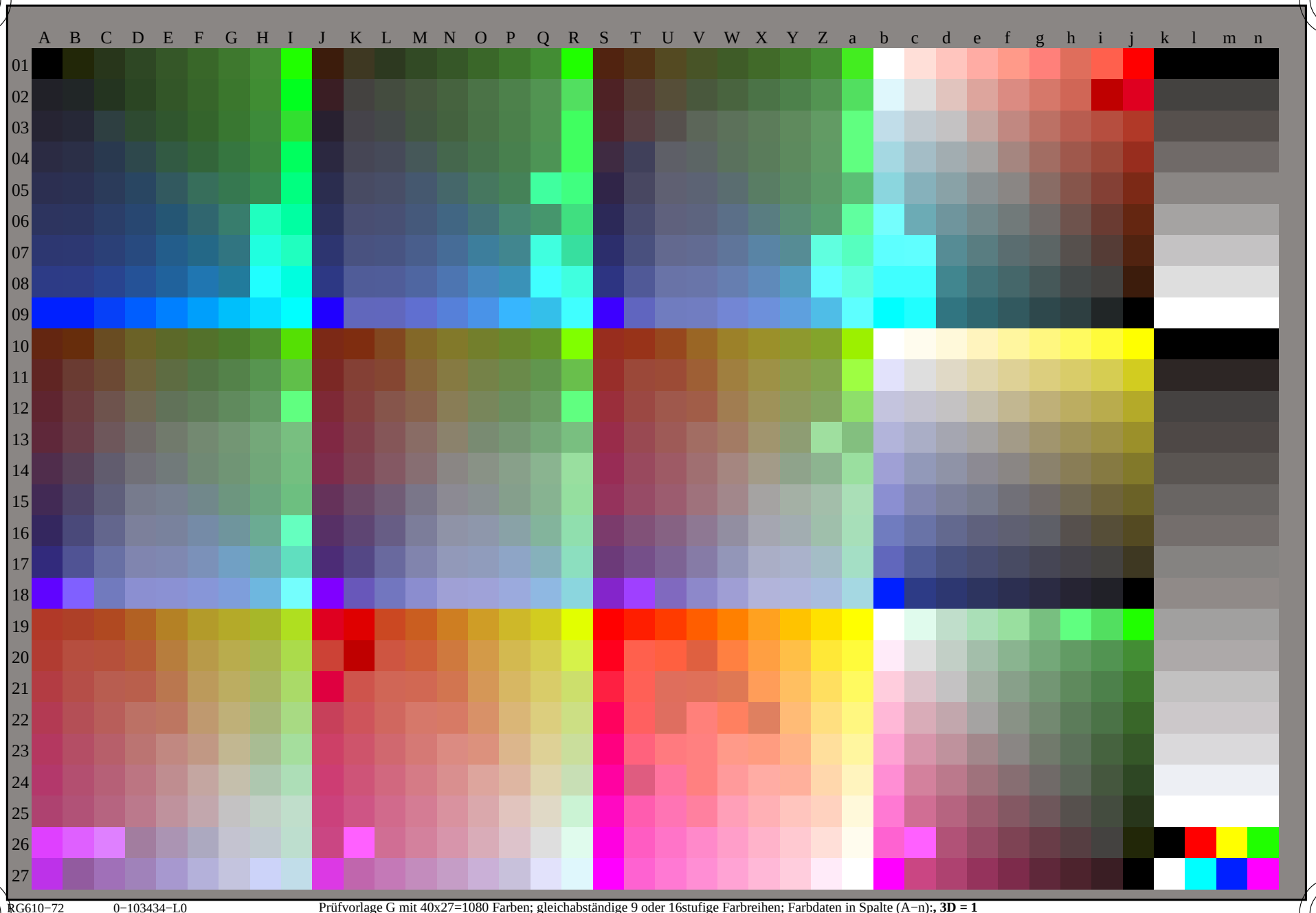
TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

0−103334−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)



RG610−72 0−103434−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

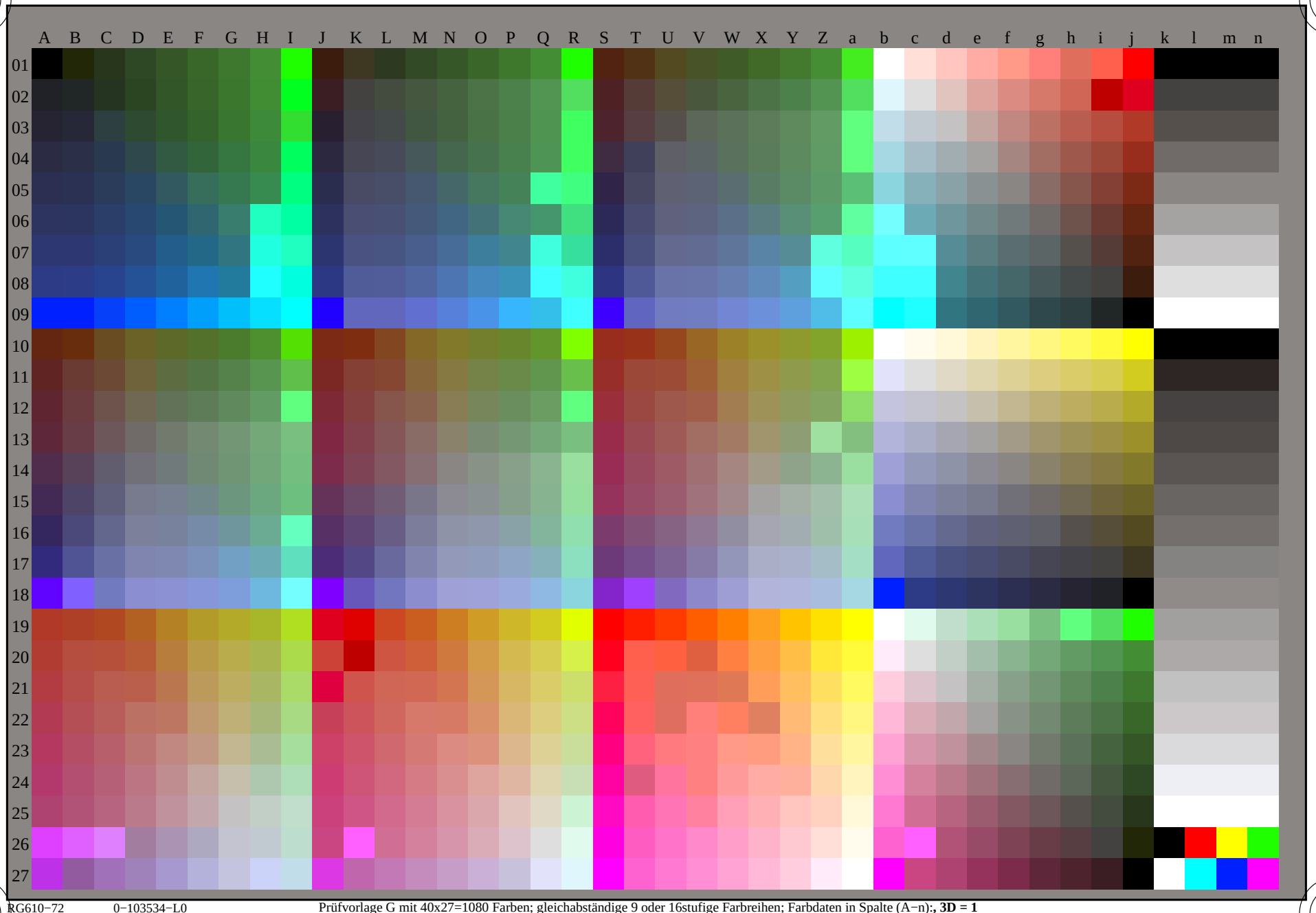
TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

0−103434−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)



RG610−72 0−103534−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

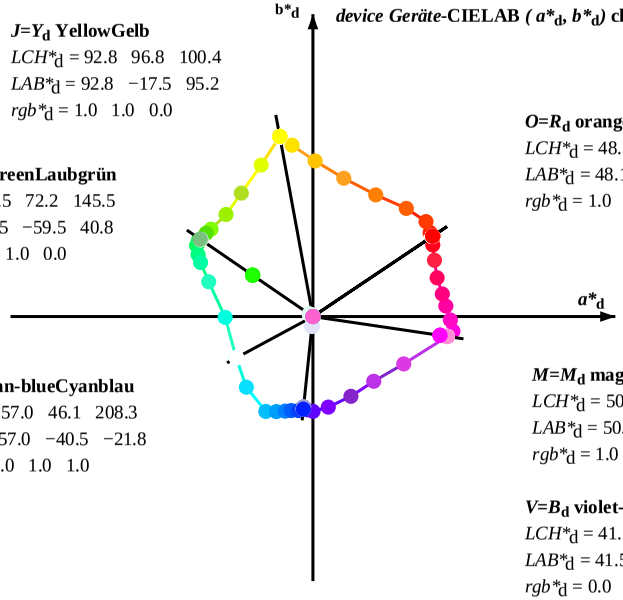
0−103534−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

device Geräte-CIELAB (a^*_d, b^*_d) chroma diagram-Diagramm



J=Y_d YellowGelb
LCH^*_d = 92.8 96.8 100.4
LAB^*_d = 92.8 −17.5 95.2
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-redOrangerot
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

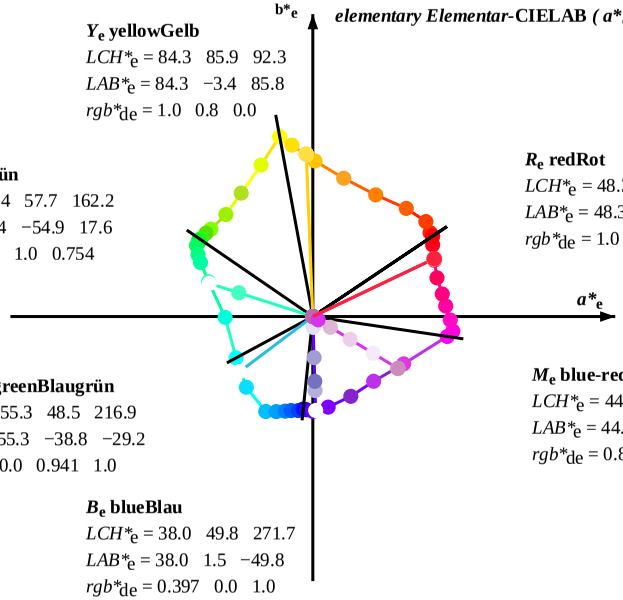
L=G_d leaf-greenLaubgrün
LCH^*_d = 58.5 72.2 145.5
LAB^*_d = 58.5 −59.5 40.8
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blueCyanblau
LCH^*_d = 57.0 46.1 208.3
LAB^*_d = 57.0 −40.5 −21.8
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-redMagentarot
LCH^*_d = 50.1 71.8 351.5
LAB^*_d = 50.1 71.1 −10.5
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blueViolettblau
LCH^*_d = 41.5 49.2 264.0
LAB^*_d = 41.5 −5.0 −49.0
rgb^*_d = 0.0 0.0 1.0

elementary Elementar-CIELAB (a^*_e, b^*_e) chroma diagram-Diagramm



Y_e yellowGelb
LCH^*_e = 84.3 85.9 92.3
LAB^*_e = 84.3 −3.4 85.8
rgb^*_{de} = 1.0 0.8 0.0

R_e redRot
LCH^*_e = 48.3 71.1 25.4
LAB^*_e = 48.3 64.2 30.6
rgb^*_{de} = 1.0 0.0 0.237

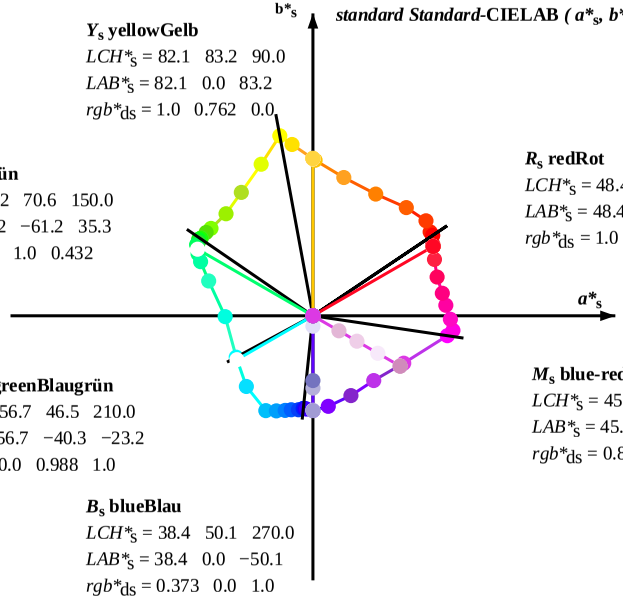
G_e greenGrün
LCH^*_e = 58.4 57.7 162.2
LAB^*_e = 58.4 −54.9 17.6
rgb^*_{de} = 0.0 1.0 0.754

C_e blue-greenBlaugrün
LCH^*_e = 55.3 48.5 216.9
LAB^*_e = 55.3 −38.8 −29.2
rgb^*_{de} = 0.0 0.941 1.0

M_e blue-redBlaurot
LCH^*_e = 44.8 52.7 328.6
LAB^*_e = 44.8 45.0 −27.4
rgb^*_{de} = 0.85 0.0 1.0

B_e blueBlau
LCH^*_e = 38.0 49.8 271.7
LAB^*_e = 38.0 1.5 −49.8
rgb^*_{de} = 0.397 0.0 1.0

standard Standard-CIELAB (a^*_s, b^*_s) chroma diagram-Diagramm



Y_s yellowGelb
LCH^*_s = 82.1 83.2 90.0
LAB^*_s = 82.1 0.0 83.2
rgb^*_{ds} = 1.0 0.762 0.0

R_s redRot
LCH^*_s = 48.4 73.4 30.0
LAB^*_s = 48.4 63.5 36.7
rgb^*_{ds} = 1.0 0.0 0.142

G_s greenGrün
LCH^*_s = 57.2 70.6 150.0
LAB^*_s = 57.2 −61.2 35.3
rgb^*_{ds} = 0.0 1.0 0.432

C_s blue-greenBlaugrün
LCH^*_s = 56.7 46.5 210.0
LAB^*_s = 56.7 −40.3 −23.2
rgb^*_{ds} = 0.0 0.988 1.0

M_s blue-redBlaurot
LCH^*_s = 45.1 53.2 330.0
LAB^*_s = 45.1 46.1 −26.6
rgb^*_{ds} = 0.859 0.0 1.0

B_s blueBlau
LCH^*_s = 38.4 50.1 270.0
LAB^*_s = 38.4 0.0 −50.1
rgb^*_{ds} = 0.373 0.0 1.0

Notes to the CIELAB chroma diagramsAnmerkung zu den CIELAB-Buntheits-Diagrammen (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

1. For the1. Für die rgb^*_d-input values the CIELAB data-Eingabedaten wurden die CIELAB−Daten LCH^*_d and und LAB^*_d have been calculated.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = atan\ [\ r^*_d\ cos(30) + g^*_d\ cos(150)\ ]\ /\ [\ r^*_d\ sin(30) + g^*_d\ sin(150) + b^*_d\ sin(270)\ ] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles 3. Für die 48 oder 360 gleichabständig gestuften Standard-Bunttonwinkel $h_{ab,s}$ of the col
the seven hue angles of the 60 degree coloursdie sieben Bunttonwinkel der 60Grad-Farben *s:* $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 39
and the equations for a 48 and 360 step hue circle: und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:

$$h_{48ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles 4. Für die 48 oder 360 Elementar-Bunttonwinkel $h_{ab,e}$ of the colours of maximum chroma we der Far
the seven hue angles of the elementary coloursdie sieben Bunttonwinkel der Elementarfarben *e:* $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6,
and the equations for a 48 and 360 step elementary hue circle: und die Gleichungen für einen 48- und 360-stufigen Elementar-Bunttonkreis:

$$h_{48ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. For any elementary hue angle 5. Für jeden Elementar-Bunttonwinkel $h_{ab,e}$ there is a well defined device hue angle gibt es einen genau definie
see the following tables, columns 1 to 5 or 1 to 4.siehe die folgenden Tabellen, Spalten 1 bis 5 oder 1 bis 4.
6. The values 6. Die Werte rgb^*_{de} produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe keine Separation! (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	rgb*$_{ds}$	rgb*$_{de}$
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	33	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25			
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	1.0	0.117	0.0	48.8	62.1	44.3	76.3	35	1.0	0.164	0.0	49.2	61.4	46.2	76.8	37	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33			
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.0	0.25	0.0	49.9	59.8	50.3	78.1	40	1.0	0.318	0.0	52.8	54.3	54.3	76.8	45	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42			
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.0	0.367	0.0	54.8	50.1	56.8	75.8	48	1.0	0.401	0.0	56.9	46.2	59.1	75.0	52	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49			
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.5	33.3	64.4	72.5	62	1.0	0.475	0.0	61.8	36.6	63.3	73.1	60	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58			
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.0	0.617	0.0	71.9	17.6	72.7	74.8	76	1.0	0.537	0.0	66.1	28.6	67.4	73.2	67	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66			
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89	1.0	0.605	0.0	71.1	19.3	72.0	74.6	75	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75			
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	1.0	0.867	0.0	88.3	−10.1	90.2	90.7	96	1.0	0.674	0.0	76.0	10.8	77.1	77.8	82	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83			
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.9	−17.4	95.3	96.9	100	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92			
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	0.883	1.0	0.0	84.4	−26.8	81.2	85.5	108	1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100			
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	0.75	1.0	0.0	74.4	−37.8	65.3	75.5	120	0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109			
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	0.633	1.0	0.0	67.8	−45.4	54.8	71.2	129	0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117			
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.8	−53.8	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127			
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	0.383	1.0	0.0	60.6	−56.2	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135			
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.25	1.0	0.0	58.7	−58.9	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144			
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.133	1.0	0.0	58.5	−59.4	40.9	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152			
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.5	−59.5	40.9	72.2	145	0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162			
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	0.0	1.0	0.117	58.0	−60.3	40.5	72.7	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.797	59.0	−52.6	10.6	[illegible]	168			
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	0.0	1.0	0.25	57.6	−60.5	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.845	59.6	−49.1	[illegible]	49.3	175			
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	0.0	1.0	0.367	57.3	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.883	59.8	[illegible]	−1.8	46.4	182			
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.6	32.7	69.0	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.916	59.[illegible]	[illegible]	−45.6	−7.6	46.3	189			
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	0.0	1.0	0.617	57.3	−59.4	28.9	66.2	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.94[illegible]	[illegible]	−44.4	−12.6	46.2	195			
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	0.0	1.0	0.75	58.4	−55.0	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	[illegible]	57.6	−42.3	−18.2	46.2	203			
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	0.0	1.0	0.867	59.8	−47.1	0.6	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	[illegible]	1.0	56.8	−40.3	−22.9	46.5	209			
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.1	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216			
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	0.0	0.883	1.0	53.6	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	[illegible]	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223			
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	0.0	0.75	1.0	52.7	−24.8	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	[illegible]	225	0.0	0.846	1.0	53.[illegible]	−33.1	−40.5	52.5	230			
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	0.0	0.633	1.0	49.6	−19.6	−50.2	54.0	248	0.0	0.836	1.0	53.1	−32.4	−[illegible]	52.8	232	0.0	0.798	1.0	[illegible]	−29.4	−45.4	54.2	237			
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.2	253	0.0	0.777	1.0	52.8	−2[illegible]	−47.6	55.0	[illegible]	0.0	0.73[illegible]	1.0	52.2	−24.0	−50.1	55.7	244			
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.[illegible]	−21.3	−50.2	[illegible]	247	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250			
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	0.0	0.25	1.0	43.0	−7.6	−49.6	50.3	261	0.0	0.45	1.0	[illegible]	−13.3	−49.[illegible]	51.7	255	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258			
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.133	1.0	41.7	−5.1	−49.0	49.4	263	0.0	0.266	1.0	42.6	−6.9	−49.5	50.0	[illegible]	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264			
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	41.6	−5.0	−48.9	49.3	264	0.37[illegible]	0.0	1.0	38.[illegible]	0.0	−50.[illegible]	50.[illegible]	270	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271			
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.117	0.0	1.0	41.0	−4.2	−49.0	49.3	265	[illegible]	0.0	1.0	37.0	6.0	−48.[illegible]	49.0	277	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278			
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.25	0.0	1.0	40.4	−3.3	−49.2	49.5	[illegible]	0.542	0.0	1.0	36.8	[illegible]	−46.2	48.0	285	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285			
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	0.367	0.0	1.0	38.5	−0.1	−50.0	50.[illegible]	269	0.508	0.0	1.0	37.[illegible]	[illegible]	−43.6	47.2	292	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292			
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.5	8.1	[illegible]	48.6	279	0.65[illegible]	0.0	1.0	[illegible]	23.4	−40.4	46.8	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300			
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	0.617	0.0	1.0	37.3	19.[illegible]	−42.6	46.9	[illegible]	0.706	0.0	1.0	[illegible]	40.0	28.2	−37.4	46.9	307	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306			
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	0.75	0.0	1.0	41.[illegible]	[illegible]	−34.2	[illegible]	313	0.76[illegible]	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314			
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	0.867	0.0	1.0	[illegible]	47.0	−25.[illegible]	53.7	331	0.80[illegible]	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321			
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.2	[illegible]	−10.4	71.9	[illegible]	0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328			
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	1.0	0.0	0.883	48.[illegible]	[illegible]	−7.8	[illegible]	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335			
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	1.0	0.0	0.75	48.3	72.7	[illegible]	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342			
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	1.0	0.0	0.633	48.4	70.5	[illegible]	70.7	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349			
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	1.0	0.0	0.5	48.[illegible]	[illegible]	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352			
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	1.0	0.0	0.383	[illegible]	65.9	19.9	68.9	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359			
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	1.0	0.0	[illegible]	48.3	64.3	29.8	70.9	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368			
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	1.0	0.0	0.133	48.5	63.5	37.3	73.7	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376			
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	393	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385			

no continues hue change of device near keine kontinuierliche Bunttonänderung nahe
or oder rgb* d = 0.125, 1.0, 0.0; 0.0, 0.125, 1.0
appropriate correction doneplausible Korrektur erfolgt

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

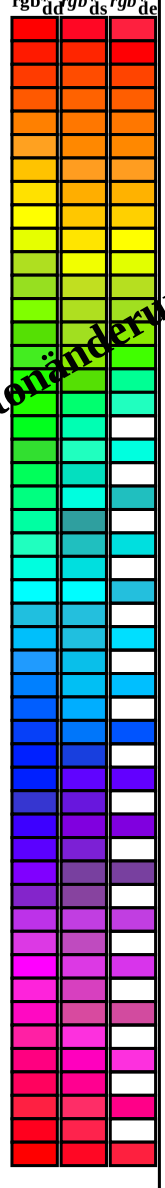
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8

	*rgb** dex361M			*LAB** dex361M				
33.8	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25
35.6	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33
40.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42
49.1	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49
62.6	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58
77.4	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66
89.2	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75
96.9	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83
100.4	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92
108.8	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100
120.1	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109
130.4	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117
139.3	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127
142.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135
145.1	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144
145.5	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152
145.5	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	[illegible]
146.1	0.0	1.0	0.797	59.0	−52.6	10.6	[illegible]	168
147.2	0.0	1.0	0.845	59.6	−49.1	3.5	[illegible]	175
148.5	0.0	1.0	0.883	59.8	[illegible]	[illegible]	46.4	182
151.6	0.0	1.0	0.916	59.0	[illegible]	−7.6	46.3	189
154.2	0.0	1.0	0.944	[illegible]	−44.4	−12.6	46.2	195
161.5	0.0	1.0	[illegible]	[illegible]	−42.3	−18.2	46.2	203
180.5	0.0	[illegible]	[illegible]	[illegible]	−40.3	−22.9	46.5	209
208.3	0.0	[illegible]	1.0	55.3	−38.7	−29.1	48.6	216
226.7	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223
243.5	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230
248.9	0.0	0.798	1.0	[illegible]	−29.4	−45.4	54.2	237
253.6	0.0	0.732	1.0	[illegible]	−24.0	−50.1	55.7	244
256.9	0.0	0.578	[illegible]	48.6	−17.5	−50.2	53.2	250
261.2	0.0	0.34[illegible]	1.0	44.7	−10.4	−49.7	50.9	258
264.0	0.0	[illegible]	1.0	41.4	−4.7	−49.0	49.3	264
270.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271
279.6	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278
[illegible]	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285
295.4	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292
[illegible]	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300
[illegible]	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306
313.1	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314
[illegible]	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321
[illegible]	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328
332.4	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335
[illegible]	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342
[illegible]	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349
351.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352
354.0								
358.5	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359
364.5	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368
369.8	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376
	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385



no continues hue change of device near keine kontinuierliche Bunttonänderung nahe
or oder *rgbd* = 0.125, 1.0, 0.0; 0.0, 0.125, 0.0**
appropriate correction doneplausible Korrektur erfolgt

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb−LabCh**Tabellen

Eingabe: *rgb/cmyk −> rgb*$_{dd}$
Ausgabe: 3D-Linearisierung *rgb**$_{dd}$

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
33	30	25	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33	R_d	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	R_s	1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25	R_e	1.0	0.0	0.0			
34	31	26	1.0	0.016	0.0	48.2	63.1	42.7	76.2	34		1.0	0.0	0.119	48.5	63.4	38.1	74.0	31		1.0	0.017	0.0	1.0	0.0	0.214	48.4	64.1	32.1	71.7	26		1.0	0.017	0.0			
34	32	27	1.0	0.033	0.0	48.3	62.9	43.0	76.2	34		1.0	0.0	0.077	48.3	63.4	39.6	74.8	32		1.0	0.033	0.0	1.0	0.0	0.191	48.4	64.0	33.6	72.3	27		1.0	0.033	0.0			
34	33	28	1.0	0.05	0.0	48.4	62.8	43.2	76.2	34		1.0	0.0	0.036	48.2	63.4	41.2	75.6	33		1.0	0.05	0.0	1.0	0.0	0.167	48.4	63.8	35.1	72.8	28		1.0	0.05	0.0			
34	34	29	1.0	0.066	0.0	48.4	62.6	43.5	76.2	34		1.0	0.009	0.0	48.2	63.2	42.7	76.3	34		1.0	0.067	0.0	1.0	0.0	0.144	48.5	63.6	36.6	73.4	29		1.0	0.067	0.0			
35	35	31	1.0	0.083	0.0	48.5	62.4	43.7	76.2	35		1.0	0.082	0.0	48.6	62.5	43.7	76.3	35		1.0	0.083	0.0	1.0	0.0	0.117	48.5	63.4	38.2	74.0	31		1.0	0.083	0.0			
35	36	32	1.0	0.1	0.0	48.6	62.2	44.0	76.2	35		1.0	0.136	0.0	48.9	61.8	44.9	76.4	36		1.0	0.1	0.0	1.0	0.0	0.071	48.3	63.4	39.9	74.9	32		1.0	0.1	0.0			
35	37	33	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35		1.0	0.164	0.0	49.2	61.4	46.2	76.8	37		1.0	0.117	0.0	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33		1.0	0.117	0.0			
35	38	34	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35		1.0	0.193	0.0	49.4	60.9	47.6	77.3	38		1.0	0.133	0.0	1.0	0.037	0.0	48.3	63.0	43.1	76.3	34		1.0	0.133	0.0			
36	39	35	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36		1.0	0.221	0.0	49.7	60.4	48.9	77.7	39		1.0	0.15	0.0	1.0	0.118	0.0	48.8	62.1	44.3	76.3	35		1.0	0.15	0.0			
37	40	36	1.0	0.166	0.0	49.1	61.3	46.3	76.8	37		1.0	0.249	0.0	49.9	59.8	50.2	78.1	40		1.0	0.167	0.0	1.0	0.154	0.0	49.1	61.6	45.7	76.7	36		1.0	0.167	0.0			
37	41	37	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37		1.0	0.263	0.0	50.5	58.8	51.1	77.9	41		1.0	0.183	0.0	1.0	0.185	0.0	49.4	61.0	47.2	77.2	37		1.0	0.183	0.0			
38	42	38	1.0	0.2	0.0	49.4	60.7	47.9	77.3	38		1.0	0.277	0.0	51.1	57.7	51.9	77.6	42		1.0	0.2	0.0	1.0	0.216	0.0	49.6	60.5	48.7	77.6	38		1.0	0.2	0.0			
38	43	39	1.0	0.216	0.0	49.6	60.4	48.7	77.6	38		1.0	0.29	0.0	51.6	56.6	52.7	77.3	43		1.0	0.217	0.0	1.0	0.248	0.0	49.9	59.9	50.2	78.1	39		1.0	0.217	0.0			
39	44	41	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39		1.0	0.304	0.0	52.2	55.4	53.5	77.0	44		1.0	0.233	0.0	1.0	0.264	0.0	50.5	58.7	51.2	77.9	41		1.0	0.233	0.0			
40	45	42	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40		1.0	0.318	0.0	52.8	54.3	54.3	76.8	45		1.0	0.25	0.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42		1.0	0.25	0.0			
41	46	43	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41		1.0	0.331	0.0	53.4	53.1	55.0	76.5	46		1.0	0.267	0.0	1.0	0.295	0.0	51.8	56.2	53.0	77.2	43		1.0	0.267	0.0			
42	47	44	1.0	0.283	0.0	51.3	57.1	52.3	77.4	42		1.0	0.345	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.31	0.0	52.5	55.0	53.8	76.9	44		1.0	0.283	0.0			
43	48	45	1.0	0.3	0.0	52.0	55.7	53.2	77.1	43		1.0	0.359	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.325	0.0	53.1	53.7	54.7	76.6	45		1.0	0.3	0.0			
44	49	46	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44		1.0	0.372	0.0	55.1	49.6	57.1	75.7	49		1.0	0.317	0.0	1.0	0.34	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
46	50	47	1.0	0.333	0.0	53.4	52.9	55.1	76.4	46		1.0	0.382	0.0	55.7	48.5	57.8	75.4	50		1.0	0.333	0.0	1.0	0.355	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
47	51	48	1.0	0.35	0.0	54.1	51.5	56.0	76.1	47		1.0	0.392	0.0	56.3	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.371	0.0	55.0	49.8	57.0	75.7	48		1.0	0.35	0.0			
48	52	49	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48		1.0	0.401	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49		1.0	0.367	0.0			
50	53	51	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50		1.0	0.41	0.0	57.5	45.0	59.7	74.7	53		1.0	0.383	0.0	1.0	0.393	0.0	56.4	47.2	58.5	75.2	51		1.0	0.383	0.0			
51	54	52	1.0	0.4	0.0	56.8	46.2	59.0	74.9	51		1.0	0.42	0.0	58.1	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.403	0.0	57.0	45.9	59.2	74.9	52		1.0	0.4	0.0			
53	55	53	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53		1.0	0.429	0.0	58.8	42.6	60.8	74.3	55		1.0	0.417	0.0	1.0	0.413	0.0	57.7	44.6	59.9	74.7	53		1.0	0.417	0.0			
55	56	54	1.0	0.433	0.0	59.0	42.0	61.1	74.1	55		1.0	0.438	0.0	59.4	41.4	61.4	74.0	56		1.0	0.433	0.0	1.0	0.424	0.0	58.4	43.3	60.5	74.4	54		1.0	0.433	0.0			
57	57	55	1.0	0.45	0.0	60.1	39.8	62.0	73.7	57		1.0	0.447	0.0	60.0	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.434	0.0	59.1	41.9	61.1	74.1	55		1.0	0.45	0.0			
59	58	56	1.0	0.466	0.0	61.2	37.6	62.8	73.3	59		1.0	0.457	0.0	60.6	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.444	0.0	59.8	40.6	61.7	73.9	56		1.0	0.467	0.0			
60	59	57	1.0	0.483	0.0	62.3	35.4	63.6	72.8	60		1.0	0.466	0.0	61.2	37.8	62.9	73.3	59		1.0	0.483	0.0	1.0	0.455	0.0	60.5	39.2	62.3	73.6	57		1.0	0.483	0.0			
62	60	58	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62		1.0	0.475	0.0	61.8	36.6	63.3	73.1	60		1.0	0.5	0.0	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58		1.0	0.5	0.0			
64	61	60	1.0	0.516	0.0	64.6	31.1	65.7	72.8	64		1.0	0.484	0.0	62.4	35.3	63.7	72.9	61		1.0	0.517	0.0	1.0	0.475	0.0	61.8	36.5	63.3	73.1	60		1.0	0.517	0.0			
66	62	61	1.0	0.533	0.0	65.8	29.0	67.1	73.1	66		1.0	0.494	0.0	63.1	34.1	64.1	72.6	62		1.0	0.533	0.0	1.0	0.486	0.0	62.5	35.2	63.8	72.8	61		1.0	0.533	0.0			
68	63	62	1.0	0.55	0.0	67.1	26.8	68.3	73.4	68		1.0	0.503	0.0	63.7	32.9	64.6	72.5	63		1.0	0.55	0.0	1.0	0.496	0.0	63.2	33.8	64.2	72.6	62		1.0	0.55	0.0			
70	64	63	1.0	0.566	0.0	68.3	24.5	69.5	73.8	70		1.0	0.511	0.0	64.3	31.9	65.3	72.7	64		1.0	0.567	0.0	1.0	0.506	0.0	63.9	32.6	64.9	72.6	63		1.0	0.567	0.0			
72	65	64	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72		1.0	0.52	0.0	64.9	30.8	66.0	72.9	65		1.0	0.583	0.0	1.0	0.515	0.0	64.6	31.4	65.7	72.8	64		1.0	0.583	0.0			
74	66	65	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74		1.0	0.528	0.0	65.5	29.7	66.7	73.0	66		1.0	0.6	0.0	1.0	0.525	0.0	65.3	30.2	66.4	73.0	65		1.0	0.6	0.0			
76	67	66	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76		1.0	0.537	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66		1.0	0.617	0.0			
78	68	67	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78		1.0	0.545	0.0	66.7	27.5	68.0	73.4	68		1.0	0.633	0.0	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67		1.0	0.633	0.0			
79	69	68	1.0	0.65	0.0	74.3	13.5	75.2	76.4	79		1.0	0.554	0.0	67.4	26.4	68.7	73.5	69		1.0	0.65	0.0	1.0	0.553	0.0	67.3	26.4	68.6	73.5	68		1.0	0.65	0.0			
81	70	70	1.0	0.666	0.0	75.4	11.6	76.5	77.4	81		1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0	1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0			
82	71	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82		1.0	0.571	0.0	68.6	24.1	69.9	73.9	71		1.0	0.683	0.0	1.0	0.572	0.0	68.7	23.9	69.9	73.9	71		1.0	0.683	0.0			
84	72	72	1.0	0.7	0.0	77.8	7.6	79.0	79.3	84		1.0	0.579	0.0	69.2	22.9	70.4	74.1	72		1.0	0.7	0.0	1.0	0.581	0.0	69.4	22.6	70.6	74.1	72		1.0	0.7	0.0			
86	73	73	1.0	0.716	0.0	79.0	5.5	80.1	80.3	86		1.0	0.588	0.0	69.8	21.7	71.0	74.2	73		1.0	0.717	0.0	1.0	0.591	0.0	70.1	21.3	71.2	74.3	73		1.0	0.717	0.0			
87	74	74	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87		1.0	0.596	0.0	70.5	20.5	71.5	74.4	74		1.0	0.733	0.0	1.0	0.6	0.0	70.8	19.9	71.8	74.5	74		1.0	0.733	0.0			
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

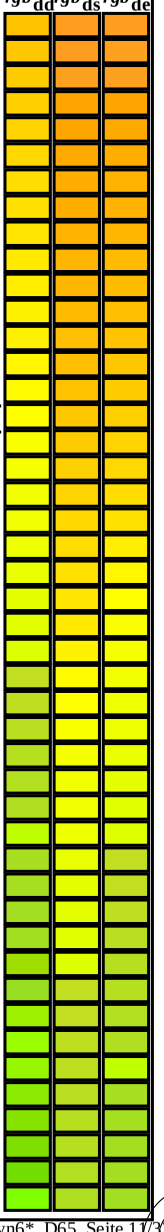
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb*dd*	*rgb*ds*	*rgb*de*
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			
90	76	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90		1.0	0.613	0.0	71.7	18.1	72.5	74.7	76		1.0	0.767	0.0	1.0	0.619	0.0	72.1	17.2	72.9	74.9	76		1.0	0.767	0.0			
91	77	77	1.0	0.783	0.0	83.3	−1.8	84.7	84.7	91		1.0	0.622	0.0	72.3	16.9	73.0	74.9	77		1.0	0.783	0.0	1.0	0.629	0.0	72.9	15.9	73.5	75.2	77		1.0	0.783	0.0			
92	78	78	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92		1.0	0.631	0.0	73.0	15.7	73.7	75.3	78		1.0	0.8	0.0	1.0	0.641	0.0	73.7	14.6	74.5	75.9	78		1.0	0.8	0.0			
93	79	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93		1.0	0.642	0.0	73.7	14.5	74.6	76.0	79		1.0	0.817	0.0	1.0	0.653	0.0	74.5	13.2	75.5	76.6	80		1.0	0.817	0.0			
94	80	81	1.0	0.833	0.0	86.2	−6.7	88.0	88.3	94		1.0	0.652	0.0	74.5	13.3	75.4	76.6	80		1.0	0.833	0.0	1.0	0.665	0.0	75.4	11.9	76.4	77.3	81		1.0	0.833	0.0			
95	81	82	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95		1.0	0.663	0.0	75.2	12.1	76.3	77.2	81		1.0	0.85	0.0	1.0	0.677	0.0	76.2	10.5	77.3	78.0	82		1.0	0.85	0.0			
96	82	83	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96		1.0	0.674	0.0	76.0	10.8	77.1	77.8	82		1.0	0.867	0.0	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83		1.0	0.867	0.0			
97	83	84	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97		1.0	0.684	0.0	76.7	9.6	77.9	78.5	83		1.0	0.883	0.0	1.0	0.7	0.0	77.9	7.6	79.0	79.4	84		1.0	0.883	0.0			
97	84	85	1.0	0.9	0.0	89.5	−12.2	91.6	92.4	97		1.0	0.695	0.0	77.5	8.3	78.7	79.1	84		1.0	0.9	0.0	1.0	0.712	0.0	78.7	6.1	79.9	80.1	85		1.0	0.9	0.0			
98	85	86	1.0	0.916	0.0	90.1	−13.1	92.2	93.1	98		1.0	0.705	0.0	78.2	6.9	79.4	79.7	85		1.0	0.917	0.0	1.0	0.724	0.0	79.5	4.6	80.7	80.8	86		1.0	0.917	0.0			
98	86	87	1.0	0.933	0.0	90.6	−14.0	92.8	93.9	98		1.0	0.716	0.0	79.0	5.6	80.1	80.3	86		1.0	0.933	0.0	1.0	0.736	0.0	80.3	3.0	81.4	81.5	87		1.0	0.933	0.0			
99	87	88	1.0	0.95	0.0	91.2	−14.8	93.4	94.6	99		1.0	0.727	0.0	79.7	4.2	80.8	81.0	87		1.0	0.95	0.0	1.0	0.748	0.0	81.2	1.5	82.2	82.2	88		1.0	0.95	0.0			
99	88	90	1.0	0.966	0.0	91.7	−15.7	94.0	95.4	99		1.0	0.737	0.0	80.4	2.8	81.5	81.6	88		1.0	0.967	0.0	1.0	0.764	0.0	82.2	0.0	83.4	83.4	90		1.0	0.967	0.0			
99	89	91	1.0	0.983	0.0	92.3	−16.6	94.6	96.1	99		1.0	0.748	0.0	81.2	1.4	82.2	82.2	89		1.0	0.983	0.0	1.0	0.782	0.0	83.3	−1.7	84.6	84.7	91		1.0	0.983	0.0			
100	90	92	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100	Y_d	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	Y_s	1.0	1.0	0.0	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92	Y_e	1.0	1.0	0.0			
101	91	93	0.983	1.0	0.0	91.6	−19.0	93.3	95.2	101		1.0	0.779	0.0	83.1	−1.4	84.4	84.4	91		0.983	1.0	0.0	1.0	0.819	0.0	85.4	−5.2	87.1	87.3	93		0.983	1.0	0.0			
102	92	94	0.966	1.0	0.0	90.4	−20.5	91.3	93.6	102		1.0	0.795	0.0	84.0	−2.9	85.5	85.6	92		0.967	1.0	0.0	1.0	0.838	0.0	86.6	−7.1	88.4	88.7	94		0.967	1.0	0.0			
103	93	95	0.95	1.0	0.0	89.2	−21.9	89.3	92.0	103		1.0	0.811	0.0	85.0	−4.4	86.6	86.7	93		0.95	1.0	0.0	1.0	0.857	0.0	87.7	−9.0	89.5	90.0	95		0.95	1.0	0.0			
104	94	96	0.933	1.0	0.0	88.0	−23.2	87.3	90.4	104		1.0	0.827	0.0	85.9	−6.0	87.7	87.9	94		0.933	1.0	0.0	1.0	0.876	0.0	88.8	−11.0	90.7	91.4	96		0.933	1.0	0.0			
106	95	98	0.916	1.0	0.0	86.8	−24.5	85.3	88.7	106		1.0	0.844	0.0	86.9	−7.7	88.7	89.1	95		0.917	1.0	0.0	1.0	0.918	0.0	90.2	−13.1	92.3	93.2	98		0.917	1.0	0.0			
107	96	99	0.9	1.0	0.0	85.5	−25.7	83.2	87.1	107		1.0	0.86	0.0	87.9	−9.3	89.7	90.2	96		0.9	1.0	0.0	1.0	0.96	0.0	91.5	−15.3	93.8	95.1	99		0.9	1.0	0.0			
108	97	100	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108		1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97		0.883	1.0	0.0	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100		0.883	1.0	0.0			
109	98	101	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109		1.0	0.913	0.0	90.0	−12.8	92.1	93.0	98		0.867	1.0	0.0	0.982	1.0	0.0	91.6	−19.1	93.2	95.2	101		0.867	1.0	0.0			
111	99	102	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111		1.0	0.949	0.0	91.2	−14.7	93.4	94.6	99		0.85	1.0	0.0	0.965	1.0	0.0	90.3	−20.6	91.1	93.5	102		0.85	1.0	0.0			
112	100	103	0.833	1.0	0.0	80.6	−31.4	75.3	81.6	112		1.0	0.985	0.0	92.3	−16.6	94.7	96.2	100		0.833	1.0	0.0	0.948	1.0	0.0	89.0	−22.1	89.1	91.8	103		0.833	1.0	0.0			
114	101	105	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114		0.992	1.0	0.0	92.2	−18.2	94.3	96.1	101		0.817	1.0	0.0	0.93	1.0	0.0	87.8	−23.4	87.0	90.1	105		0.817	1.0	0.0			
115	102	106	0.8	1.0	0.0	78.1	−34.2	71.4	79.1	115		0.977	1.0	0.0	91.2	−19.6	92.6	94.6	102		0.8	1.0	0.0	0.913	1.0	0.0	86.5	−24.7	84.9	88.4	106		0.8	1.0	0.0			
117	103	107	0.783	1.0	0.0	76.9	−35.5	69.3	77.9	117		0.962	1.0	0.0	90.1	−20.9	90.8	93.2	103		0.783	1.0	0.0	0.896	1.0	0.0	85.3	−25.9	82.7	86.7	107		0.783	1.0	0.0			
118	104	108	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118		0.947	1.0	0.0	89.0	−22.1	89.0	91.7	104		0.767	1.0	0.0	0.878	1.0	0.0	84.0	−27.1	80.6	85.1	108		0.767	1.0	0.0			
120	105	109	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120		0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105		0.75	1.0	0.0	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109		0.75	1.0	0.0			
121	106	110	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121		0.917	1.0	0.0	86.9	−24.4	85.4	88.9	106		0.733	1.0	0.0	0.852	1.0	0.0	82.0	−29.6	77.5	83.0	110		0.733	1.0	0.0			
122	107	112	0.716	1.0	0.0	72.5	−40.3	62.3	74.2	122		0.903	1.0	0.0	85.8	−25.5	83.6	87.4	107		0.717	1.0	0.0	0.839	1.0	0.0	81.1	−30.8	76.0	82.1	112		0.717	1.0	0.0			
124	108	113	0.7	1.0	0.0	71.5	−41.4	60.8	73.6	124		0.888	1.0	0.0	84.7	−26.5	81.8	86.0	108		0.7	1.0	0.0	0.826	1.0	0.0	80.1	−32.0	74.5	81.1	113		0.7	1.0	0.0			
125	109	114	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125		0.873	1.0	0.0	83.7	−27.4	80.0	84.6	109		0.683	1.0	0.0	0.813	1.0	0.0	79.1	−33.1	73.0	80.2	114		0.683	1.0	0.0			
126	110	115	0.666	1.0	0.0	69.6	−43.5	57.8	72.4	126		0.862	1.0	0.0	82.8	−28.6	78.7	83.8	110		0.667	1.0	0.0	0.8	1.0	0.0	78.2	−34.1	71.4	79.2	115		0.667	1.0	0.0			
128	111	116	0.65	1.0	0.0	68.7	−44.5	56.3	71.8	128		0.851	1.0	0.0	82.0	−29.6	77.5	83.0	111		0.65	1.0	0.0	0.787	1.0	0.0	77.2	−35.2	69.9	78.2	116		0.65	1.0	0.0			
129	112	117	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129		0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112		0.633	1.0	0.0	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117		0.633	1.0	0.0			
131	113	119	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131		0.829	1.0	0.0	80.3	−31.7	74.9	81.3	113		0.617	1.0	0.0	0.761	1.0	0.0	75.3	−37.0	66.7	76.3	119		0.617	1.0	0.0			
132	114	120	0.6	1.0	0.0	66.2	−47.6	52.5	70.9	132		0.818	1.0	0.0	79.5	−32.7	73.6	80.5	114		0.6	1.0	0.0	0.748	1.0	0.0	74.3	−37.9	65.2	75.4	120		0.6	1.0	0.0			
133	115	121	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133		0.807	1.0	0.0	78.7	−33.6	72.2	79.7	115		0.583	1.0	0.0	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121		0.583	1.0	0.0			
134	116	122	0.566	1.0	0.0	64.7	−49.8	50.5	70.9	134		0.796	1.0	0.0	77.9	−34.5	70.9	78.9	116		0.567	1.0	0.0	0.72	1.0	0.0	72.7	−40.0	62.7	74.4	122		0.567	1.0	0.0			
135	117	123	0.55	1.0	0.0	63.9	−50.8	49.4	70.9	135		0.785	1.0	0.0	77.0	−35.3	69.6	78.1	117		0.55	1.0	0.0	0.706	1.0	0.0	71.9	−41.0	61.4	73.9	123		0.55	1.0	0.0			
136	118	124	0.533	1.0	0.0	63.2	−51.9	48.4	71.0	136		0.774	1.0	0.0	76.2	−36.2	68.2	77.3	118		0.533	1.0	0.0	0.692	1.0	0.0	71.1	−41.9	60.1	73.4	124		0.533	1.0	0.0			
138	119	126	0.516	1.0	0.0	62.5	−52.9	47.3	71.0	138		0.763	1.0	0.0	75.4	−37.0	66.8	76.4	119		0.517	1.0	0.0	0.677	1.0	0.0	70.3	−42.8	58.9	72.8	126		0.517	1.0	0.0			
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139		0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120		0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127		0.5	1.0	0.0			



RG610−72 0−1031034−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted, nicht adaptiert=adaptiert Ausgabe: Offset-Normdruck; Separation cmyn6*, D65, Seite 11/33

0−1031034−F0

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	0.5	1.0	0.0			
139	121	128	0.483	1.0	0.0	61.5	−54.2	45.9	71.1	139	0.74	1.0	0.0	73.8	−38.6	64.4	75.1	121	0.483	1.0	0.0	0.649	1.0	0.0	68.7	−44.5	56.2	71.8	128	0.483	1.0	0.0			
140	122	129	0.466	1.0	0.0	61.4	−54.6	45.6	71.2	140	0.727	1.0	0.0	73.1	−39.5	63.3	74.7	122	0.467	1.0	0.0	0.635	1.0	0.0	67.9	−45.3	54.9	71.3	129	0.467	1.0	0.0			
140	123	130	0.45	1.0	0.0	61.2	−54.9	45.4	71.2	140	0.715	1.0	0.0	72.4	−40.3	62.3	74.2	123	0.45	1.0	0.0	0.62	1.0	0.0	67.1	−46.2	53.7	70.9	130	0.45	1.0	0.0			
140	124	131	0.433	1.0	0.0	61.0	−55.3	45.1	71.3	140	0.703	1.0	0.0	71.8	−41.2	61.2	73.8	124	0.433	1.0	0.0	0.604	1.0	0.0	66.4	−47.3	52.8	70.9	131	0.433	1.0	0.0			
141	125	133	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141	0.691	1.0	0.0	71.1	−42.0	60.1	73.3	125	0.417	1.0	0.0	0.588	1.0	0.0	65.7	−48.4	51.8	71.0	133	0.417	1.0	0.0			
141	126	134	0.4	1.0	0.0	60.7	−56.0	44.5	71.5	141	0.679	1.0	0.0	70.4	−42.7	59.0	72.9	126	0.4	1.0	0.0	0.571	1.0	0.0	64.9	−49.4	50.8	71.0	134	0.4	1.0	0.0			
141	127	135	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.383	1.0	0.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135	0.383	1.0	0.0			
142	128	136	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142	0.654	1.0	0.0	69.0	−44.2	56.7	72.0	128	0.367	1.0	0.0	0.539	1.0	0.0	63.5	−51.5	48.8	71.0	136	0.367	1.0	0.0			
142	129	137	0.35	1.0	0.0	60.1	−57.0	43.5	71.7	142	0.642	1.0	0.0	68.3	−44.9	55.6	71.5	129	0.35	1.0	0.0	0.523	1.0	0.0	62.8	−52.5	47.7	71.0	137	0.35	1.0	0.0			
143	130	138	0.333	1.0	0.0	59.8	−57.3	43.1	71.7	143	0.63	1.0	0.0	67.6	−45.6	54.5	71.1	130	0.333	1.0	0.0	0.507	1.0	0.0	62.1	−53.4	46.7	71.0	138	0.333	1.0	0.0			
143	131	140	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143	0.617	1.0	0.0	67.0	−46.4	53.5	70.9	131	0.317	1.0	0.0	0.467	1.0	0.0	61.4	−54.5	45.7	71.2	140	0.317	1.0	0.0			
143	132	141	0.3	1.0	0.0	59.3	−58.0	42.3	71.8	143	0.603	1.0	0.0	66.3	−47.4	52.7	70.9	132	0.3	1.0	0.0	0.412	1.0	0.0	60.9	−55.7	44.7	71.5	141	0.3	1.0	0.0			
144	133	142	0.283	1.0	0.0	59.1	−58.3	41.9	71.8	144	0.589	1.0	0.0	65.7	−48.3	51.9	71.0	133	0.283	1.0	0.0	0.36	1.0	0.0	60.3	−56.7	43.7	71.7	142	0.283	1.0	0.0			
144	134	143	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.575	1.0	0.0	65.1	−49.2	51.0	71.0	134	0.267	1.0	0.0	0.312	1.0	0.0	59.6	−57.7	42.6	71.8	143	0.267	1.0	0.0			
145	135	144	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.25	1.0	0.0	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.25	1.0	0.0			
145	136	145	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145	0.547	1.0	0.0	63.9	−51.0	49.3	71.0	136	0.233	1.0	0.0	0.0	1.0	0.07	58.2	−59.9	40.6	72.5	145	0.233	1.0	0.0			
145	137	147	0.216	1.0	0.0	58.6	−59.1	41.0	72.0	145	0.533	1.0	0.0	63.2	−51.8	48.4	71.0	137	0.217	1.0	0.0	0.0	1.0	0.226	57.7	−60.5	39.2	72.2	147	0.217	1.0	0.0			
145	138	148	0.2	1.0	0.0	58.5	−59.2	41.0	72.0	145	0.519	1.0	0.0	62.6	−52.7	47.5	71.0	138	0.2	1.0	0.0	0.0	1.0	0.343	57.3	−61.2	38.0	72.1	148	0.2	1.0	0.0			
145	139	149	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145	0.505	1.0	0.0	62.0	−53.5	46.6	71.0	139	0.183	1.0	0.0	0.0	1.0	0.409	57.2	−61.3	36.3	71.3	149	0.183	1.0	0.0			
145	140	150	0.166	1.0	0.0	58.5	−59.3	40.9	72.1	145	0.471	1.0	0.0	61.5	−54.4	45.8	71.2	140	0.167	1.0	0.0	0.0	1.0	0.455	57.2	−61.0	34.4	70.1	150	0.167	1.0	0.0			
145	141	151	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145	0.424	1.0	0.0	61.0	−55.4	45.0	71.4	141	0.15	1.0	0.0	0.0	1.0	0.502	57.1	−60.6	32.6	68.9	151	0.15	1.0	0.0			
145	142	152	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.133	1.0	0.0	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152	0.133	1.0	0.0			
145	143	154	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.336	1.0	0.0	59.9	−57.2	43.2	71.8	143	0.117	1.0	0.0	0.0	1.0	0.614	57.3	−59.5	29.0	66.2	154	0.117	1.0	0.0			
145	144	155	0.1	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.296	1.0	0.0	59.3	−58.0	42.2	71.8	144	0.1	1.0	0.0	0.0	1.0	0.641	57.5	−58.9	27.2	64.9	155	0.1	1.0	0.0			
145	145	156	0.083	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.255	1.0	0.0	58.7	−58.8	41.3	71.9	145	0.083	1.0	0.0	0.0	1.0	0.661	57.6	−58.3	25.5	63.7	156	0.083	1.0	0.0			
145	146	157	0.066	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.087	58.1	−60.1	40.6	72.6	146	0.067	1.0	0.0	0.0	1.0	0.682	57.8	−57.6	23.8	62.4	157	0.067	1.0	0.0			
145	147	158	0.049	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.217	57.7	−60.5	39.3	72.2	147	0.05	1.0	0.0	0.0	1.0	0.702	58.0	−56.9	22.2	61.2	158	0.05	1.0	0.0			
145	148	159	0.033	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.32	57.4	−61.0	38.2	72.1	148	0.033	1.0	0.0	0.0	1.0	0.722	58.2	−56.2	20.6	59.9	159	0.033	1.0	0.0			
145	149	161	0.016	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.392	57.2	−61.4	36.9	71.7	149	0.017	1.0	0.0	0.0	1.0	0.742	58.4	−55.4	19.0	58.6	161	0.017	1.0	0.0			
145	150	162	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145	G_d 0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	G_s 0.0	1.0	0.0	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162	G_e 0.0	1.0	0.0			
145	151	163	0.0	1.0	0.016	58.4	−59.6	40.8	72.2	145	0.0	1.0	0.473	57.2	−60.8	33.8	69.7	151	0.0	1.0	0.017	0.0	1.0	0.761	58.6	−54.6	16.6	57.1	163	0.0	1.0	0.017			
145	152	164	0.0	1.0	0.033	58.3	−59.7	40.7	72.3	145	0.0	1.0	0.515	57.2	−60.5	32.2	68.6	152	0.0	1.0	0.033	0.0	1.0	0.767	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.033			
145	153	164	0.0	1.0	0.05	58.2	−59.9	40.7	72.4	145	0.0	1.0	0.563	57.2	−60.0	30.6	67.5	153	0.0	1.0	0.05	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	164	0.0	1.0	0.05			
145	154	165	0.0	1.0	0.066	58.2	−60.0	40.6	72.4	145	0.0	1.0	0.611	57.3	−59.5	29.1	66.3	154	0.0	1.0	0.067	0.0	1.0	0.779	58.8	−53.7	13.5	55.5	165	0.0	1.0	0.067			
145	155	166	0.0	1.0	0.083	58.1	−60.1	40.5	72.5	145	0.0	1.0	0.637	57.4	−59.0	27.6	65.2	155	0.0	1.0	0.083	0.0	1.0	0.785	58.8	−53.3	12.5	54.9	166	0.0	1.0	0.083			
146	156	167	0.0	1.0	0.1	58.0	−60.2	40.5	72.6	146	0.0	1.0	0.655	57.6	−58.5	26.1	64.1	156	0.0	1.0	0.1	0.0	1.0	0.791	58.9	−53.0	11.6	54.3	167	0.0	1.0	0.1			
146	157	168	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.117	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168	0.0	1.0	0.117			
146	158	169	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146	0.0	1.0	0.689	57.9	−57.3	23.2	62.0	158	0.0	1.0	0.133	0.0	1.0	0.803	59.1	−52.2	9.7	53.2	169	0.0	1.0	0.133			
146	159	170	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146	0.0	1.0	0.706	58.0	−56.7	21.8	60.9	159	0.0	1.0	0.15	0.0	1.0	0.809	59.1	−51.8	8.7	52.7	170	0.0	1.0	0.15			
146	160	171	0.0	1.0	0.166	57.8	−60.4	39.9	72.4	146	0.0	1.0	0.724	58.2	−56.1	20.4	59.8	160	0.0	1.0	0.167	0.0	1.0	0.815	59.2	−51.4	7.8	52.1	171	0.0	1.0	0.167			
146	161	172	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146	0.0	1.0	0.741	58.3	−55.4	19.1	58.7	161	0.0	1.0	0.183	0.0	1.0	0.821	59.3	−51.0	6.9	51.5	172	0.0	1.0	0.183			
146	162	173	0.0	1.0	0.2	57.7	−60.5	39.5	72.3	146	0.0	1.0	0.753	58.5	−54.9	17.9	57.8	162	0.0	1.0	0.2	0.0	1.0	0.827	59.3	−50.5	6.1	51.0	173	0.0	1.0	0.2			
146	163	174	0.0	1.0	0.216	57.7	−60.5	39.3	72.2	146	0.0	1.0	0.76	58.5	−54.6	16.7	57.2	163	0.0	1.0	0.217	0.0	1.0	0.833	59.4	−50.0	5.2	50.4	174	0.0	1.0	0.217			
147	164	175	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147	0.0	1.0	0.766	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.233	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.233			
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25			
147	166	176	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147	0.0	1.0	0.779	58.8	−53.6	13.4	55.4	166	0.0	1.0	0.267	0.0	1.0	0.851	59.6	−48.5	2.7	48.7	176	0.0	1.0	0.267			
147	167	177	0.0	1.0	0.283	57.5	−60.8	38.5	72.0	147	0.0	1.0	0.786	58.9	−53.3	12.3	54.8	167	0.0	1.0	0.283	0.0	1.0	0.857	59.7	−48.0	1.9	48.2	177	0.0	1.0	0.283			
147	168	178	0.0	1.0	0.3	57.4	−60.9	38.4	72.0	147	0.0	1.0	0.793	58.9	−52.9	11.3	54.2	168	0.0	1.0	0.3	0.0	1.0	0.863	59.8	−47.5	1.1	47.6	178	0.0	1.0	0.3			
147	169	179	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147	0.0	1.0	0.799	59.0	−52.5	10.2	53.5	169	0.0	1.0	0.317	0.0	1.0	0.869	59.9	−46.9	0.4	47.0	179	0.0	1.0	0.317			
148	170	180	0.0	1.0	0.333	57.3	−61.2	38.0	72.1	148	0.0	1.0	0.806	59.1	−52.0	9.2	52.9	170	0.0	1.0	0.333	0.0	1.0	0.875	59.9	−46.4	−0.3	46.5	180	0.0	1.0	0.333			
148	171	181	0.0	1.0	0.35	57.3	−61.3	37.8	72.1	148	0.0	1.0	0.812	59.2	−51.6	8.2	52.3	171	0.0	1.0	0.35	0.0	1.0	0.879	59.8	−46.3	−1.0	46.4	181	0.0	1.0	0.35			
148	172	182	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.367	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182	0.0	1.0	0.367			
148	173	183	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148	0.0	1.0	0.825	59.3	−50.6	6.2	51.1	173	0.0	1.0	0.383	0.0	1.0	0.887	59.7	−46.2	−2.5	46.4	183	0.0	1.0	0.383			
149	174	184	0.0	1.0	0.4	57.2	−61.4	36.6	71.5	149	0.0	1.0	0.832	59.4	−50.1	5.3	50.5	174	0.0	1.0	0.4	0.0	1.0	0.891	59.6	−46.2	−3.2	46.4	184	0.0	1.0	0.4			
149	175	185	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.417	0.0	1.0	0.895	59.5	−46.1	−4.0	46.4	185	0.0	1.0	0.417			
150	176	185	0.0	1.0	0.433	57.2	−61.2	35.3	70.6	150	0.0	1.0	0.845	59.6	−49.0	3.4	49.2	176	0.0	1.0	0.433	0.0	1.0	0.899	59.4	−46.0	−4.7	46.4	185	0.0	1.0	0.433			
150	177	186	0.0	1.0	0.45	57.1	−61.1	34.6	70.2	150	0.0	1.0	0.852	59.6	−48.4	2.5	48.6	177	0.0	1.0	0.45	0.0	1.0	0.903	59.3	−45.9	−5.4	46.4	186	0.0	1.0	0.45			
150	178	187	0.0	1.0	0.466	57.1	−60.9	34.0	69.8	150	0.0	1.0	0.858	59.7	−47.9	1.7	48.0	178	0.0	1.0	0.467	0.0	1.0	0.908	59.2	−45.8	−6.2	46.3	187	0.0	1.0	0.467			
151	179	188	0.0	1.0	0.483	57.1	−60.8	33.3	69.4	151	0.0	1.0	0.865	59.8	−47.3	0.8	47.4	179	0.0	1.0	0.483	0.0	1.0	0.912	59.1	−45.7	−6.9	46.3	188	0.0	1.0	0.483			
151	180	189	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.5	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189	0.0	1.0	0.5			
152	181	190	0.0	1.0	0.516	57.1	−60.5	32.1	68.5	152	0.0	1.0	0.877	59.9	−46.3	−0.7	46.4	181	0.0	1.0	0.517	0.0	1.0	0.92	58.9	−45.4	−8.4	46.3	190	0.0	1.0	0.517			
152	182	191	0.0	1.0	0.533	57.1	−60.4	31.6	68.1	152	0.0	1.0	0.882	59.8	−46.3	−1.5	46.4	182	0.0	1.0	0.533	0.0	1.0	0.924	58.8	−45.3	−9.1	46.3	191	0.0	1.0	0.533			
152	183	192	0.0	1.0	0.55	57.2	−60.2	31.0	67.7	152	0.0	1.0	0.886	59.7	−46.2	−2.3	46.4	183	0.0	1.0	0.55	0.0	1.0	0.928	58.7	−45.1	−9.8	46.3	192	0.0	1.0	0.55			
153	184	193	0.0	1.0	0.566	57.2	−60.0	30.5	67.3	153	0.0	1.0	0.891	59.6	−46.2	−3.1	46.4	184	0.0	1.0	0.567	0.0	1.0	0.932	58.6	−44.9	−10.5	46.3	193	0.0	1.0	0.567			
153	185	194	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153	0.0	1.0	0.895	59.5	−46.1	−3.9	46.4	185	0.0	1.0	0.583	0.0	1.0	0.936	58.5	−44.8	−11.2	46.3	194	0.0	1.0	0.583			
153	186	195	0.0	1.0	0.6	57.2	−59.7	29.4	66.5	153	0.0	1.0	0.9	59.4	−46.0	−4.7	46.4	186	0.0	1.0	0.6	0.0	1.0	0.94	58.4	−44.6	−11.9	46.3	195	0.0	1.0	0.6			
154	187	195	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.617	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195	0.0	1.0	0.617			
154	188	196	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154	0.0	1.0	0.909	59.2	−45.8	−6.3	46.3	188	0.0	1.0	0.633	0.0	1.0	0.949	58.3	−44.1	−13.3	46.2	196	0.0	1.0	0.633			
155	189	197	0.0	1.0	0.65	57.5	−58.7	26.4	64.4	155	0.0	1.0	0.913	59.1	−45.7	−7.1	46.3	189	0.0	1.0	0.65	0.0	1.0	0.953	58.2	−43.9	−14.0	46.2	197	0.0	1.0	0.65			
156	190	198	0.0	1.0	0.666	57.6	−58.1	25.0	63.3	156	0.0	1.0	0.918	59.0	−45.5	−7.9	46.3	190	0.0	1.0	0.667	0.0	1.0	0.957	58.1	−43.7	−14.7	46.2	198	0.0	1.0	0.667			
157	191	199	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157	0.0	1.0	0.922	58.9	−45.4	−8.7	46.3	191	0.0	1.0	0.683	0.0	1.0	0.961	58.0	−43.4	−15.4	46.2	199	0.0	1.0	0.683			
158	192	200	0.0	1.0	0.7	57.9	−57.0	22.3	61.2	158	0.0	1.0	0.926	58.8	−45.2	−9.5	46.3	192	0.0	1.0	0.7	0.0	1.0	0.965	57.9	−43.2	−16.1	46.2	200	0.0	1.0	0.7			
159	193	201	0.0	1.0	0.716	58.1	−56.4	21.0	60.2	159	0.0	1.0	0.931	58.7	−45.0	−10.3	46.3	193	0.0	1.0	0.717	0.0	1.0	0.969	57.8	−42.9	−16.8	46.2	201	0.0	1.0	0.717			
160	194	202	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160	0.0	1.0	0.935	58.6	−44.8	−11.1	46.3	194	0.0	1.0	0.733	0.0	1.0	0.973	57.7	−42.6	−17.5	46.2	202	0.0	1.0	0.733			
161	195	203	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.75	0.0	1.0	0.977	57.6	−42.3	−18.2	46.2	203	0.0	1.0	0.75			
164	196	204	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	196	0.0	1.0	0.767	0.0	1.0	0.981	57.5	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
166	197	205	0.0	1.0	0.783	58.8	−53.5	12.7	55.0	166	0.0	1.0	0.949	58.3	−44.1	−13.4	46.2	197	0.0	1.0	0.783	0.0	1.0	0.985	57.4	−41.7	−19.5	46.1	205	0.0	1.0	0.783			
169	198	206	0.0	1.0	0.8	59.0	−52.4	10.0	53.4	169	0.0	1.0	0.953	58.2	−43.9	−14.2	46.2	198	0.0	1.0	0.8	0.0	1.0	0.99	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.8			
171	199	206	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171	0.0	1.0	0.958	58.0	−43.6	−14.9	46.2	199	0.0	1.0	0.817	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
174	200	207	0.0	1.0	0.833	59.4	−50.0	5.0	50.3	174	0.0	1.0	0.962	57.9	−43.3	−15.7	46.2	200	0.0	1.0	0.833	0.0	1.0	0.998	57.1	−40.7	−21.4	46.1	207	0.0	1.0	0.833			
176	201	208	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176	0.0	1.0	0.967	57.8	−43.0	−16.5	46.2	201	0.0	1.0	0.85	0.0	0.997	1.0	57.0	−40.4	−22.1	46.2	208	0.0	1.0	0.85			
179	202	209	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	1.0	0.867	0.0	0.991	1.0	56.8	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
182	203	210	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182	0.0	1.0	0.976	57.6	−42.4	−17.9	46.2	203	0.0	1.0	0.883	0.0	0.985	1.0	56.6	−40.1	−23.7	46.8	210	0.0	1.0	0.883			
186	204	211	0.0	1.0	0.9	59.3	−46.0	−4.9	46.3	186	0.0	1.0	0.98	57.5	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.978	1.0	56.4	−40.0	−24.5	47.0	211	0.0	1.0	0.9			
189	205	212	0.0	1.0	0.916	58.9	−45.6	−7.8	46.3	189	0.0	1.0	0.985	57.4	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	0.972	1.0	56.3	−39.8	−25.2	47.3	212	0.0	1.0	0.917			
193	206	213	0.0	1.0	0.933	58.6	−44.9	−10.8	46.2	193	0.0	1.0	0.989	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.933	0.0	0.966	1.0	56.1	−39.6	−26.0	47.5	213	0.0	1.0	0.933			
197	207	214	0.0	1.0	0.95	58.2	−44.1	−13.6	46.2	197	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	0.96	1.0	55.9	−39.4	−26.8	47.8	214	0.0	1.0	0.95			
200	208	215	0.0	1.0	0.966	57.8	−43.1	−16.5	46.1	200	0.0	1.0	0.998	57.1	−40.6	−21.5	46.1	208	0.0	1.0	0.967	0.0	0.954	1.0	55.7	−39.2	−27.6	48.1	215	0.0	1.0	0.967			
204	209	216	0.0	1.0	0.983	57.4	−41.9	−19.2	46.1	204	0.0	0.996	1.0	57.0	−40.4	−22.3	46.3	209	0.0	1.0	0.983	0.0	0.947	1.0	55.5	−39.0	−28.3	48.3	216	0.0	1.0	0.983			
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	C_e	0.0	1.0	1.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb*dd361M*			*LAB*ddx361Mi (x=LabCh)*					*rgb*ds361Mi*			*LAB*dsx361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*de361Mi*			*LAB*dex361Mi (x=LabCh)*					*rgb*dd361Mi*			*rgb*dd*	*rgb*ds*	*rgb*de*
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208 C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210 C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216 C_e	0.0	1.0	1.0			
210	211	217	0.0	0.983	1.0	56.5	−40.2	−23.9	46.8	210	0.0	0.982	1.0	56.6	−40.1	−24.0	46.9	211	0.0	0.983	1.0	0.0	0.935	1.0	55.1	−38.4	−29.9	48.8	217	0.0	0.983	1.0			
213	212	218	0.0	0.966	1.0	56.0	−39.7	−26.0	47.5	213	0.0	0.975	1.0	56.3	−39.9	−24.9	47.2	212	0.0	0.967	1.0	0.0	0.929	1.0	54.9	−38.2	−30.7	49.1	218	0.0	0.967	1.0			
215	213	219	0.0	0.95	1.0	55.5	−39.1	−28.1	48.2	215	0.0	0.968	1.0	56.1	−39.7	−25.7	47.4	213	0.0	0.95	1.0	0.0	0.923	1.0	54.8	−37.9	−31.4	49.4	219	0.0	0.95	1.0			
218	214	220	0.0	0.933	1.0	55.0	−38.4	−30.2	48.9	218	0.0	0.962	1.0	55.9	−39.5	−26.6	47.7	214	0.0	0.933	1.0	0.0	0.916	1.0	54.6	−37.6	−32.2	49.6	220	0.0	0.933	1.0			
220	215	221	0.0	0.916	1.0	54.5	−37.6	−32.2	49.6	220	0.0	0.955	1.0	55.7	−39.2	−27.4	48.0	215	0.0	0.917	1.0	0.0	0.91	1.0	54.4	−37.2	−33.0	49.9	221	0.0	0.917	1.0			
223	216	222	0.0	0.9	1.0	54.0	−36.7	−34.3	50.3	223	0.0	0.948	1.0	55.5	−39.0	−28.3	48.3	216	0.0	0.9	1.0	0.0	0.904	1.0	54.2	−36.9	−33.7	50.1	222	0.0	0.9	1.0			
225	217	223	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	217	0.0	0.883	1.0	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223	0.0	0.883	1.0			
227	218	224	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227	0.0	0.934	1.0	55.1	−38.4	−30.0	48.9	218	0.0	0.867	1.0	0.0	0.892	1.0	53.8	−36.2	−35.3	50.7	224	0.0	0.867	1.0			
230	219	225	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230	0.0	0.928	1.0	54.9	−38.1	−30.8	49.2	219	0.0	0.85	1.0	0.0	0.885	1.0	53.6	−35.8	−36.0	50.9	225	0.0	0.85	1.0			
232	220	226	0.0	0.833	1.0	53.1	−32.3	−41.9	52.9	232	0.0	0.921	1.0	54.7	−37.8	−31.7	49.4	220	0.0	0.833	1.0	0.0	0.879	1.0	53.4	−35.4	−36.8	51.2	226	0.0	0.833	1.0			
234	221	227	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234	0.0	0.914	1.0	54.5	−37.4	−32.5	49.7	221	0.0	0.817	1.0	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.817	1.0			
236	222	227	0.0	0.8	1.0	52.9	−29.6	−45.3	54.1	236	0.0	0.907	1.0	54.3	−37.1	−33.4	50.0	222	0.0	0.8	1.0	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	227	0.0	0.8	1.0			
239	223	228	0.0	0.783	1.0	52.8	−28.1	−47.0	54.7	239	0.0	0.9	1.0	54.1	−36.7	−34.2	50.3	223	0.0	0.783	1.0	0.0	0.859	1.0	53.2	−34.1	−39.0	51.9	228	0.0	0.783	1.0			
241	224	229	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241	0.0	0.894	1.0	53.9	−36.3	−35.0	50.6	224	0.0	0.767	1.0	0.0	0.853	1.0	53.2	−33.6	−39.7	52.2	229	0.0	0.767	1.0			
243	225	230	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	50.9	225	0.0	0.75	1.0	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230	0.0	0.75	1.0			
244	226	231	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244	0.0	0.88	1.0	53.5	−35.4	−36.7	51.2	226	0.0	0.733	1.0	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231	0.0	0.733	1.0			
245	227	232	0.0	0.716	1.0	51.8	−23.4	−50.2	55.4	245	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.717	1.0	0.0	0.832	1.0	53.1	−32.1	−41.9	53.0	232	0.0	0.717	1.0			
245	228	233	0.0	0.7	1.0	51.3	−22.6	−50.3	55.1	245	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	228	0.0	0.7	1.0	0.0	0.826	1.0	53.1	−31.6	−42.6	53.2	233	0.0	0.7	1.0			
246	229	234	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246	0.0	0.858	1.0	53.2	−34.0	−39.1	52.0	229	0.0	0.683	1.0	0.0	0.819	1.0	53.0	−31.1	−43.3	53.5	234	0.0	0.683	1.0			
247	230	235	0.0	0.666	1.0	50.4	−21.1	−50.3	54.6	247	0.0	0.851	1.0	53.2	−33.5	−39.9	52.3	230	0.0	0.667	1.0	0.0	0.812	1.0	53.0	−30.5	−44.0	53.7	235	0.0	0.667	1.0			
247	231	236	0.0	0.65	1.0	50.0	−20.4	−50.3	54.3	247	0.0	0.843	1.0	53.2	−33.0	−40.7	52.5	231	0.0	0.65	1.0	0.0	0.805	1.0	53.0	−30.0	−44.7	54.0	236	0.0	0.65	1.0			
248	232	237	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248	0.0	0.836	1.0	53.1	−32.4	−41.5	52.8	232	0.0	0.633	1.0	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.633	1.0			
249	233	237	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249	0.0	0.829	1.0	53.1	−31.9	−42.3	53.1	233	0.0	0.617	1.0	0.0	0.792	1.0	52.9	−28.8	−46.1	54.5	237	0.0	0.617	1.0			
249	234	238	0.0	0.6	1.0	48.9	−18.3	−50.2	53.5	249	0.0	0.821	1.0	53.0	−31.3	−43.1	53.4	234	0.0	0.6	1.0	0.0	0.785	1.0	52.9	−28.2	−46.8	54.7	238	0.0	0.6	1.0			
250	235	239	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250	0.0	0.814	1.0	53.0	−30.7	−43.9	53.7	235	0.0	0.583	1.0	0.0	0.778	1.0	52.8	−27.6	−47.4	55.0	239	0.0	0.583	1.0			
251	236	240	0.0	0.566	1.0	48.3	−17.1	−50.2	53.0	251	0.0	0.806	1.0	53.0	−30.1	−44.6	53.9	236	0.0	0.567	1.0	0.0	0.771	1.0	52.8	−26.9	−48.1	55.2	240	0.0	0.567	1.0			
251	237	241	0.0	0.55	1.0	48.0	−16.5	−50.2	52.8	251	0.0	0.799	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.55	1.0	0.0	0.765	1.0	52.8	−26.3	−48.7	55.5	241	0.0	0.55	1.0			
252	238	242	0.0	0.533	1.0	47.7	−15.8	−50.1	52.6	252	0.0	0.791	1.0	52.9	−28.8	−46.1	54.5	238	0.0	0.533	1.0	0.0	0.758	1.0	52.7	−25.6	−49.4	55.7	242	0.0	0.533	1.0			
253	239	243	0.0	0.516	1.0	47.4	−15.2	−50.1	52.3	253	0.0	0.784	1.0	52.9	−28.1	−46.8	54.8	239	0.0	0.517	1.0	0.0	0.751	1.0	52.7	−24.9	−50.0	56.0	243	0.0	0.517	1.0			
253	240	244	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253	0.0	0.777	1.0	52.8	−27.4	−47.6	55.0	240	0.0	0.5	1.0	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244	0.0	0.5	1.0			
254	241	245	0.0	0.483	1.0	46.8	−14.2	−50.0	52.0	254	0.0	0.769	1.0	52.8	−26.7	−48.3	55.3	241	0.0	0.483	1.0	0.0	0.711	1.0	51.7	−23.1	−50.2	55.4	245	0.0	0.483	1.0			
254	242	246	0.0	0.466	1.0	46.6	−13.8	−49.9	51.8	254	0.0	0.762	1.0	52.7	−26.0	−49.0	55.6	242	0.0	0.467	1.0	0.0	0.69	1.0	51.1	−22.1	−50.2	55.0	246	0.0	0.467	1.0			
254	243	247	0.0	0.45	1.0	46.4	−13.3	−49.9	51.7	254	0.0	0.754	1.0	52.7	−25.3	−49.7	55.9	243	0.0	0.45	1.0	0.0	0.669	1.0	50.5	−21.2	−50.2	54.6	247	0.0	0.45	1.0			
255	244	248	0.0	0.433	1.0	46.1	−12.9	−49.9	51.5	255	0.0	0.741	1.0	52.4	−24.4	−50.1	55.9	244	0.0	0.433	1.0	0.0	0.647	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.433	1.0			
255	245	248	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255	0.0	0.717	1.0	51.8	−23.3	−50.2	55.5	245	0.0	0.417	1.0	0.0	0.626	1.0	49.4	−19.3	−50.2	53.9	248	0.0	0.417	1.0			
256	246	249	0.0	0.4	1.0	45.6	−12.1	−49.8	51.2	256	0.0	0.694	1.0	51.2	−22.3	−50.2	55.1	246	0.0	0.4	1.0	0.0	0.602	1.0	49.0	−18.4	−50.2	53.6	249	0.0	0.4	1.0			
256	247	250	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.6	−21.3	−50.2	54.7	247	0.0	0.383	1.0	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250	0.0	0.383	1.0			
257	248	251	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257	0.0	0.648	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.367	1.0	0.0	0.553	1.0	48.1	−16.5	−50.1	52.9	251	0.0	0.367	1.0			
257	249	252	0.0	0.35	1.0	44.8	−10.7	−49.7	50.8	257	0.0	0.624	1.0	49.4	−19.2	−50.2	53.9	249	0.0	0.35	1.0	0.0	0.529	1.0	47.7	−15.6	−50.0	52.6	252	0.0	0.35	1.0			
258	250	253	0.0	0.333	1.0	44.5	−10.2	−49.7	50.8	258	0.0	0.598	1.0	48.9	−18.2	−50.2	53.5	250	0.0	0.333	1.0	0.0	0.505	1.0	47.2	−14.7	−50.0	52.2	253	0.0	0.333	1.0			
258	251	254	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.571	1.0	48.4	−17.2	−50.1	53.1	251	0.0	0.317	1.0	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254	0.0	0.317	1.0			
259	252	255	0.0	0.3	1.0	43.9	−9.1	−49.7	50.6	259	0.0	0.544	1.0	47.9	−16.2	−50.1	52.8	252	0.0	0.3	1.0	0.0	0.438	1.0	46.2	−13.0	−49.8	51.6	255	0.0	0.3	1.0			
260	253	256	0.0	0.283	1.0	43.5	−8.6	−49.7	50.5	260	0.0	0.518	1.0	47.5	−15.2	−50.0	52.4	253	0.0	0.283	1.0	0.0	0.404	1.0	45.7	−12.1	−49.7	51.3	256	0.0	0.283	1.0			
260	254	257	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260	0.0	0.487	1.0	47.0	−14.2	−49.9	52.0	254	0.0	0.267	1.0	0.0	0.371	1.0	45.2	−11.3	−49.6	51.0	257	0.0	0.267	1.0			
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0			

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

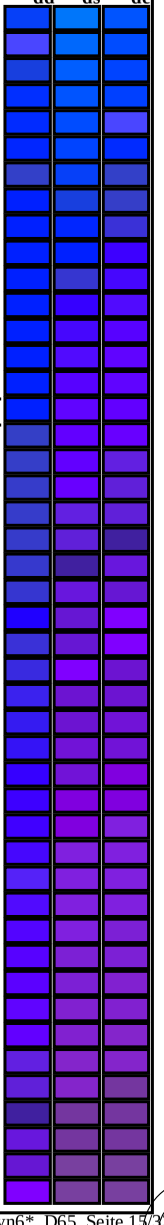
Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	
261	256	258	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261	0.0	0.412	1.0	45.9	−12.3	−49.7	51.4	256	0.0	0.233	1.0	0.0	0.317	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.233	1.0	
261	257	259	0.0	0.216	1.0	42.5	−6.9	−49.5	50.0	261	0.0	0.375	1.0	45.3	−11.4	−49.6	51.0	257	0.0	0.217	1.0	0.0	0.29	1.0	43.7	−8.8	−49.7	50.6	259	0.0	0.217	1.0	
262	258	260	0.0	0.2	1.0	42.4	−6.6	−49.4	49.9	262	0.0	0.345	1.0	44.8	−10.5	−49.7	50.9	258	0.0	0.2	1.0	0.0	0.263	1.0	43.2	−8.0	−49.7	50.4	260	0.0	0.2	1.0	
262	259	261	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	259	0.0	0.183	1.0	0.0	0.229	1.0	42.7	−7.1	−49.5	50.2	261	0.0	0.183	1.0	
263	260	262	0.0	0.166	1.0	42.0	−5.9	−49.2	49.6	263	0.0	0.286	1.0	43.7	−8.7	−49.7	50.5	260	0.0	0.167	1.0	0.0	0.19	1.0	42.3	−6.3	−49.3	49.8	262	0.0	0.167	1.0	
263	261	263	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.257	1.0	43.1	−7.8	−49.6	50.4	261	0.0	0.15	1.0	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.15	1.0	
263	262	264	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263	0.0	0.216	1.0	42.6	−6.9	−49.5	50.0	262	0.0	0.133	1.0	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264	0.0	0.133	1.0	
264	263	265	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.173	1.0	42.1	−6.0	−49.2	49.7	263	0.0	0.117	1.0	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265	0.0	0.117	1.0	
264	264	266	0.0	0.1	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.129	1.0	41.6	−5.1	−49.0	49.3	264	0.0	0.1	1.0	0.256	0.0	1.0	40.3	−3.1	−49.3	49.5	266	0.0	0.1	1.0	
264	265	267	0.0	0.083	1.0	41.5	−5.0	−49.0	49.2	264	0.111	0.0	1.0	41.0	−4.2	−49.0	49.3	265	0.0	0.083	1.0	0.284	0.0	1.0	39.8	−2.3	−49.5	49.6	267	0.0	0.083	1.0	
264	266	268	0.0	0.066	1.0	41.5	−5.0	−49.0	49.2	264	0.24	0.0	1.0	40.4	−3.3	−49.2	49.4	266	0.0	0.067	1.0	0.313	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.067	1.0	
264	267	269	0.0	0.049	1.0	41.5	−5.0	−49.0	49.2	264	0.279	0.0	1.0	39.9	−2.5	−49.5	49.6	267	0.0	0.05	1.0	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.05	1.0	
264	268	269	0.0	0.033	1.0	41.5	−5.0	−49.0	49.2	264	0.31	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.033	1.0	0.371	0.0	1.0	38.5	0.0	−50.0	50.1	269	0.0	0.033	1.0	
264	269	270	0.0	0.016	1.0	41.5	−5.0	−49.0	49.2	264	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.017	1.0	0.385	0.0	1.0	38.2	0.7	−49.9	50.0	270	0.0	0.017	1.0	
264	270	271	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264	***B*$_d$**	0.373	0.0	1.0	38.4	0.0	−50.1	50.2	270	***B*$_s$**	0.0	0.0	1.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271	***B*$_e$**	0.0	0.0	1.0	
264	271	272	0.016	0.0	1.0	41.4	−4.9	−49.0	49.2	264	0.387	0.0	1.0	38.2	0.9	−49.9	50.0	271	0.017	0.0	1.0	0.409	0.0	1.0	37.9	2.3	−49.6	49.7	272	0.017	0.0	1.0	
264	272	273	0.033	0.0	1.0	41.4	−4.8	−49.0	49.2	264	0.4	0.0	1.0	38.0	1.7	−49.7	49.8	272	0.033	0.0	1.0	0.422	0.0	1.0	37.7	3.1	−49.4	49.6	273	0.033	0.0	1.0	
264	273	274	0.05	0.0	1.0	41.3	−4.7	−49.0	49.2	264	0.414	0.0	1.0	37.8	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.434	0.0	1.0	37.5	3.9	−49.2	49.4	274	0.05	0.0	1.0	
264	274	275	0.066	0.0	1.0	41.2	−4.6	−49.0	49.2	264	0.427	0.0	1.0	37.6	3.5	−49.3	49.5	274	0.067	0.0	1.0	0.447	0.0	1.0	37.3	4.7	−48.9	49.3	275	0.067	0.0	1.0	
264	275	276	0.083	0.0	1.0	41.1	−4.4	−49.0	49.2	264	0.44	0.0	1.0	37.4	4.3	−49.1	49.4	275	0.083	0.0	1.0	0.459	0.0	1.0	37.1	5.5	−48.7	49.1	276	0.083	0.0	1.0	
264	276	277	0.1	0.0	1.0	41.0	−4.3	−49.0	49.2	264	0.453	0.0	1.0	37.2	5.1	−48.8	49.2	276	0.1	0.0	1.0	0.471	0.0	1.0	36.9	6.3	−48.4	49.0	277	0.1	0.0	1.0	
265	277	278	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265	0.466	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.117	0.0	1.0	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278	0.117	0.0	1.0	
265	278	279	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265	0.479	0.0	1.0	36.8	6.8	−48.3	48.9	278	0.133	0.0	1.0	0.496	0.0	1.0	36.5	7.9	−47.9	48.6	279	0.133	0.0	1.0	
265	279	280	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265	0.492	0.0	1.0	36.6	7.6	−48.0	48.7	279	0.15	0.0	1.0	0.505	0.0	1.0	36.5	8.6	−47.6	48.5	280	0.15	0.0	1.0	
265	280	281	0.166	0.0	1.0	40.7	−3.9	−49.1	49.3	265	0.503	0.0	1.0	36.5	8.4	−47.7	48.5	280	0.167	0.0	1.0	0.513	0.0	1.0	36.5	9.4	−47.4	48.4	281	0.167	0.0	1.0	
265	281	282	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265	0.511	0.0	1.0	36.5	9.2	−47.4	48.4	281	0.183	0.0	1.0	0.52	0.0	1.0	36.6	10.2	−47.1	48.3	282	0.183	0.0	1.0	
265	282	283	0.2	0.0	1.0	40.5	−3.7	−49.2	49.3	265	0.519	0.0	1.0	36.6	10.0	−47.2	48.3	282	0.2	0.0	1.0	0.528	0.0	1.0	36.7	10.9	−46.8	48.2	283	0.2	0.0	1.0	
265	283	284	0.216	0.0	1.0	40.5	−3.5	−49.2	49.4	265	0.527	0.0	1.0	36.6	10.8	−46.9	48.2	283	0.217	0.0	1.0	0.535	0.0	1.0	36.7	11.7	−46.5	48.1	284	0.217	0.0	1.0	
265	284	285	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265	0.535	0.0	1.0	36.7	11.6	−46.6	48.1	284	0.233	0.0	1.0	0.543	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.233	0.0	1.0	
266	285	285	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266	0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.25	0.0	1.0	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285	0.25	0.0	1.0	
266	286	286	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	286	0.267	0.0	1.0	0.557	0.0	1.0	36.9	13.9	−45.6	47.8	286	0.267	0.0	1.0	
267	287	287	0.283	0.0	1.0	39.8	−2.4	−49.5	49.6	267	0.558	0.0	1.0	36.9	14.0	−45.6	47.7	287	0.283	0.0	1.0	0.565	0.0	1.0	36.9	14.6	−45.2	47.6	287	0.283	0.0	1.0	
267	288	288	0.3	0.0	1.0	39.5	−2.0	−49.6	49.7	267	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.3	0.0	1.0	0.572	0.0	1.0	37.0	15.3	−44.9	47.5	288	0.3	0.0	1.0	
268	289	289	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268	0.574	0.0	1.0	37.0	15.5	−44.8	47.5	289	0.317	0.0	1.0	0.58	0.0	1.0	37.0	16.0	−44.5	47.4	289	0.317	0.0	1.0	
268	290	290	0.333	0.0	1.0	39.0	−1.1	−49.9	49.9	268	0.582	0.0	1.0	37.0	16.2	−44.4	47.4	290	0.333	0.0	1.0	0.587	0.0	1.0	37.1	16.7	−44.2	47.3	290	0.333	0.0	1.0	
269	291	291	0.35	0.0	1.0	38.7	−0.6	−50.0	50.0	269	0.59	0.0	1.0	37.1	16.9	−44.0	47.3	291	0.35	0.0	1.0	0.595	0.0	1.0	37.1	17.4	−43.8	47.2	291	0.35	0.0	1.0	
269	292	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269	0.598	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.367	0.0	1.0	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292	0.367	0.0	1.0	
270	293	293	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270	0.606	0.0	1.0	37.2	18.4	−43.2	47.0	293	0.383	0.0	1.0	0.61	0.0	1.0	37.2	18.8	−43.0	47.0	293	0.383	0.0	1.0	
271	294	294	0.4	0.0	1.0	38.0	1.7	−49.8	49.8	271	0.613	0.0	1.0	37.2	19.1	−42.8	46.9	294	0.4	0.0	1.0	0.617	0.0	1.0	37.3	19.4	−42.6	46.9	294	0.4	0.0	1.0	
273	295	295	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273	0.621	0.0	1.0	37.3	19.8	−42.3	46.8	295	0.417	0.0	1.0	0.625	0.0	1.0	37.3	20.1	−42.1	46.8	295	0.417	0.0	1.0	
274	296	296	0.433	0.0	1.0	37.4	3.8	−49.2	49.4	274	0.629	0.0	1.0	37.4	20.5	−41.9	46.8	296	0.433	0.0	1.0	0.631	0.0	1.0	37.5	20.8	−41.8	46.8	296	0.433	0.0	1.0	
275	297	297	0.45	0.0	1.0	37.2	4.9	−48.9	49.2	275	0.636	0.0	1.0	37.7	21.2	−41.6	46.8	297	0.45	0.0	1.0	0.638	0.0	1.0	37.7	21.5	−41.5	46.8	297	0.45	0.0	1.0	
277	298	298	0.466	0.0	1.0	36.9	6.0	−48.6	49.0	277	0.643	0.0	1.0	37.9	22.0	−41.2	46.8	298	0.467	0.0	1.0	0.645	0.0	1.0	38.0	22.2	−41.1	46.8	298	0.467	0.0	1.0	
278	299	299	0.483	0.0	1.0	36.7	7.0	−48.2	48.8	278	0.65	0.0	1.0	38.1	22.7	−40.8	46.8	299	0.483	0.0	1.0	0.652	0.0	1.0	38.2	22.9	−40.8	46.8	299	0.483	0.0	1.0	
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0	



Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0			
281	301	301	0.516	0.0	1.0	36.5	9.8	−47.3	48.3	281	0.664	0.0	1.0	38.6	24.1	−40.0	46.8	301	0.517	0.0	1.0	0.665	0.0	1.0	38.6	24.2	−40.0	46.8	301	0.517	0.0	1.0			
283	302	302	0.533	0.0	1.0	36.6	11.5	−46.7	48.1	283	0.671	0.0	1.0	38.8	24.8	−39.6	46.8	302	0.533	0.0	1.0	0.672	0.0	1.0	38.8	24.9	−39.6	46.8	302	0.533	0.0	1.0			
285	303	303	0.55	0.0	1.0	36.8	13.1	−46.0	47.8	285	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0			
288	304	303	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	304	0.567	0.0	1.0	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	303	0.567	0.0	1.0			
290	305	304	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290	0.692	0.0	1.0	39.5	26.9	−38.3	46.9	305	0.583	0.0	1.0	0.692	0.0	1.0	39.5	26.8	−38.3	46.9	304	0.583	0.0	1.0			
292	306	305	0.6	0.0	1.0	37.1	17.8	−43.6	47.1	292	0.699	0.0	1.0	39.8	27.6	−37.8	46.9	306	0.6	0.0	1.0	0.698	0.0	1.0	39.7	27.5	−37.9	46.9	305	0.6	0.0	1.0			
294	307	306	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.617	0.0	1.0	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306	0.617	0.0	1.0			
296	308	307	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296	0.713	0.0	1.0	40.2	28.9	−36.9	46.9	308	0.633	0.0	1.0	0.712	0.0	1.0	40.2	28.7	−37.0	46.9	307	0.633	0.0	1.0			
299	309	308	0.65	0.0	1.0	38.1	22.6	−40.9	46.8	299	0.72	0.0	1.0	40.5	29.5	−36.4	46.9	309	0.65	0.0	1.0	0.718	0.0	1.0	40.4	29.3	−36.5	46.9	308	0.65	0.0	1.0			
301	310	309	0.666	0.0	1.0	38.6	24.3	−39.9	46.8	301	0.728	0.0	1.0	40.7	30.2	−35.9	46.9	310	0.667	0.0	1.0	0.725	0.0	1.0	40.6	30.0	−36.0	46.9	309	0.667	0.0	1.0			
303	311	310	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303	0.735	0.0	1.0	40.9	30.8	−35.3	47.0	311	0.683	0.0	1.0	0.732	0.0	1.0	40.8	30.6	−35.6	47.0	310	0.683	0.0	1.0			
306	312	311	0.7	0.0	1.0	39.7	27.6	−37.8	46.8	306	0.742	0.0	1.0	41.2	31.4	−34.8	47.0	312	0.7	0.0	1.0	0.738	0.0	1.0	41.0	31.2	−35.1	47.0	311	0.7	0.0	1.0			
308	313	312	0.716	0.0	1.0	40.3	29.1	−36.7	46.9	308	0.749	0.0	1.0	41.4	32.0	−34.3	47.0	313	0.717	0.0	1.0	0.745	0.0	1.0	41.3	31.7	−34.5	47.0	312	0.717	0.0	1.0			
310	314	313	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310	0.755	0.0	1.0	41.6	32.9	−33.9	47.3	314	0.733	0.0	1.0	0.752	0.0	1.0	41.5	32.4	−34.1	47.1	313	0.733	0.0	1.0			
313	315	314	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313	0.762	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.75	0.0	1.0	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314	0.75	0.0	1.0			
315	316	315	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315	0.768	0.0	1.0	42.1	34.6	−33.3	48.0	316	0.767	0.0	1.0	0.764	0.0	1.0	41.9	34.0	−33.5	47.8	315	0.767	0.0	1.0			
318	317	316	0.783	0.0	1.0	42.5	36.5	−32.5	48.9	318	0.775	0.0	1.0	42.3	35.4	−32.9	48.4	317	0.783	0.0	1.0	0.77	0.0	1.0	42.1	34.8	−33.2	48.2	316	0.783	0.0	1.0			
320	318	317	0.8	0.0	1.0	43.1	38.6	−31.4	49.8	320	0.781	0.0	1.0	42.5	36.3	−32.5	48.8	318	0.8	0.0	1.0	0.776	0.0	1.0	42.3	35.6	−32.8	48.5	317	0.8	0.0	1.0			
323	319	318	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323	0.788	0.0	1.0	42.7	37.1	−32.2	49.2	319	0.817	0.0	1.0	0.782	0.0	1.0	42.5	36.4	−32.5	48.9	318	0.817	0.0	1.0			
326	320	319	0.833	0.0	1.0	44.3	42.9	−28.9	51.7	326	0.794	0.0	1.0	43.0	37.9	−31.7	49.5	320	0.833	0.0	1.0	0.789	0.0	1.0	42.8	37.2	−32.1	49.2	319	0.833	0.0	1.0			
328	321	320	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.85	0.0	1.0	0.795	0.0	1.0	43.0	38.0	−31.7	49.6	320	0.85	0.0	1.0			
331	322	321	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.867	0.0	1.0	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.867	0.0	1.0			
333	323	321	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333	0.814	0.0	1.0	43.6	40.5	−30.4	50.7	323	0.883	0.0	1.0	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	321	0.883	0.0	1.0			
336	324	322	0.9	0.0	1.0	46.6	52.8	−23.2	57.7	336	0.82	0.0	1.0	43.8	41.3	−29.9	51.0	324	0.9	0.0	1.0	0.813	0.0	1.0	43.6	40.4	−30.4	50.6	322	0.9	0.0	1.0			
338	325	323	0.916	0.0	1.0	47.2	56.0	−21.7	60.0	338	0.827	0.0	1.0	44.1	42.1	−29.4	51.4	325	0.917	0.0	1.0	0.819	0.0	1.0	43.8	41.2	−30.0	51.0	323	0.917	0.0	1.0			
341	326	324	0.933	0.0	1.0	47.8	59.1	−19.9	62.4	341	0.833	0.0	1.0	44.3	42.9	−28.9	51.8	326	0.933	0.0	1.0	0.826	0.0	1.0	44.0	42.0	−29.5	51.3	324	0.933	0.0	1.0			
343	327	325	0.95	0.0	1.0	48.4	62.2	−17.9	64.8	343	0.84	0.0	1.0	44.5	43.7	−28.3	52.2	327	0.95	0.0	1.0	0.832	0.0	1.0	44.2	42.7	−29.0	51.7	325	0.95	0.0	1.0			
346	328	326	0.966	0.0	1.0	48.9	65.3	−15.7	67.1	346	0.846	0.0	1.0	44.7	44.5	−27.7	52.5	328	0.967	0.0	1.0	0.838	0.0	1.0	44.5	43.5	−28.5	52.0	326	0.967	0.0	1.0			
349	329	327	0.983	0.0	1.0	49.5	68.2	−13.2	69.5	349	0.853	0.0	1.0	45.0	45.3	−27.1	52.9	329	0.983	0.0	1.0	0.844	0.0	1.0	44.7	44.3	−27.9	52.4	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351	M_d 0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	M_s 1.0	0.0	1.0	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328	M_e 1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	49.9	71.5	−10.1	72.2	351	0.866	0.0	1.0	45.4	46.9	−25.9	53.7	331	1.0	0.0	0.983	0.856	0.0	1.0	45.1	45.8	−26.8	53.1	329	1.0	0.0	0.983			
352	332	330	1.0	0.0	0.966	49.7	71.9	−9.8	72.5	352	0.872	0.0	1.0	45.6	47.7	−25.3	54.0	332	1.0	0.0	0.967	0.862	0.0	1.0	45.3	46.5	−26.2	53.5	330	1.0	0.0	0.967			
352	333	331	1.0	0.0	0.95	49.6	72.3	−9.4	72.9	352	0.879	0.0	1.0	45.9	48.7	−24.7	54.7	333	1.0	0.0	0.95	0.869	0.0	1.0	45.5	47.3	−25.6	53.8	331	1.0	0.0	0.95			
352	334	332	1.0	0.0	0.933	49.4	72.7	−9.0	73.2	352	0.885	0.0	1.0	46.1	50.0	−24.3	55.6	334	1.0	0.0	0.933	0.875	0.0	1.0	45.7	48.0	−25.0	54.2	332	1.0	0.0	0.933			
353	335	333	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	0.892	0.0	1.0	46.3	51.3	−23.8	56.6	335	1.0	0.0	0.917	0.881	0.0	1.0	46.0	49.2	−24.6	55.0	333	1.0	0.0	0.917			
353	336	334	1.0	0.0	0.9	49.0	73.4	−8.2	73.9	353	0.898	0.0	1.0	46.6	52.5	−23.3	57.5	336	1.0	0.0	0.9	0.887	0.0	1.0	46.2	50.4	−24.1	55.9	334	1.0	0.0	0.9			
353	337	335	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	1.0	0.0	0.883	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335	1.0	0.0	0.883			
354	338	336	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354	0.911	0.0	1.0	47.0	55.0	−22.1	59.3	338	1.0	0.0	0.867	0.899	0.0	1.0	46.6	52.8	−23.2	57.7	336	1.0	0.0	0.867			
354	339	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.85	0.906	0.0	1.0	46.8	53.9	−22.6	58.5	337	1.0	0.0	0.85			
355	340	338	1.0	0.0	0.833	48.5	73.6	−5.7	73.9	355	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	340	1.0	0.0	0.833	0.912	0.0	1.0	47.1	55.1	−22.1	59.4	338	1.0	0.0	0.833			
356	341	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356	0.931	0.0	1.0	47.7	58.7	−20.1	62.1	341	1.0	0.0	0.817	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.817			
356	342	339	1.0	0.0	0.8	48.4	73.3	−4.1	73.4	356	0.937	0.0	1.0	48.0	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	339	1.0	0.0	0.8			
357	343	340	1.0	0.0	0.783	48.4	73.1	−3.3	73.2	357	0.944	0.0	1.0	48.2	61.2	−18.6	64.0	343	1.0	0.0	0.783	0.93	0.0	1.0	47.7	58.6	−20.2	62.0	340	1.0	0.0	0.783			
357	344	341	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357	0.951	0.0	1.0	48.4	62.4	−17.8	64.9	344	1.0	0.0	0.767	0.937	0.0	1.0	47.9	59.8	−19.5	62.9	341	1.0	0.0	0.767			
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358		0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359		0.964	0.0	1.0	48.9	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.949	0.0	1.0	48.4	62.1	−18.0	64.7	343	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.3	72.1	0.1	72.1	360		0.97	0.0	1.0	49.1	65.9	−15.1	67.7	347	1.0	0.0	0.717	0.955	0.0	1.0	48.6	63.2	−17.2	65.5	344	1.0	0.0	0.717			
360	348	345	1.0	0.0	0.7	48.3	71.8	1.1	71.8	360		0.977	0.0	1.0	49.4	67.1	−14.2	68.6	348	1.0	0.0	0.7	0.961	0.0	1.0	48.8	64.4	−16.3	66.4	345	1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.3	71.5	2.1	71.5	361		0.983	0.0	1.0	49.6	68.2	−13.2	69.5	349	1.0	0.0	0.683	0.968	0.0	1.0	49.0	65.5	−15.5	67.3	346	1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.3	71.1	3.1	71.2	362		0.99	0.0	1.0	49.8	69.4	−12.1	70.4	350	1.0	0.0	0.667	0.974	0.0	1.0	49.3	66.6	−14.6	68.2	347	1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.3	70.8	4.1	70.9	363		0.996	0.0	1.0	50.0	70.5	−11.1	71.4	351	1.0	0.0	0.65	0.98	0.0	1.0	49.5	67.7	−13.7	69.1	348	1.0	0.0	0.65			
364	352	349	1.0	0.0	0.633	48.3	70.4	5.1	70.6	364		1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	1.0	0.0	0.633	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349	1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.3	70.1	6.0	70.4	364		1.0	0.0	0.928	49.3	72.8	−8.8	73.4	353	1.0	0.0	0.617	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350	1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.3	69.9	6.8	70.3	365		1.0	0.0	0.878	48.8	74.0	−7.7	74.4	354	1.0	0.0	0.6	0.999	0.0	1.0	50.1	70.9	−10.7	71.7	351	1.0	0.0	0.6			
366	355	352	1.0	0.0	0.583	48.3	69.7	7.7	70.1	366		1.0	0.0	0.849	48.6	73.8	−6.4	74.1	355	1.0	0.0	0.583	1.0	0.0	0.963	49.8	72.0	−9.6	72.6	352	1.0	0.0	0.583			
367	356	353	1.0	0.0	0.566	48.3	69.5	8.5	70.0	367		1.0	0.0	0.821	48.6	73.6	−5.0	73.7	356	1.0	0.0	0.567	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	48.3	69.2	9.4	69.9	367		1.0	0.0	0.793	48.5	73.2	−3.7	73.3	357	1.0	0.0	0.55	1.0	0.0	0.871	48.7	74.0	−7.4	74.4	354	1.0	0.0	0.55			
368	358	355	1.0	0.0	0.533	48.3	69.0	10.2	69.7	368		1.0	0.0	0.765	48.4	72.9	−2.4	73.0	358	1.0	0.0	0.533	1.0	0.0	0.845	48.6	73.8	−6.2	74.1	355	1.0	0.0	0.533			
369	359	356	1.0	0.0	0.516	48.3	68.7	11.0	69.6	369		1.0	0.0	0.741	48.3	72.6	−1.2	72.6	359	1.0	0.0	0.517	1.0	0.0	0.818	48.5	73.5	−4.9	73.7	356	1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369		1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352	1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	48.3	68.1	13.0	69.4	370		1.0	0.0	0.699	48.3	71.8	1.3	71.8	361	1.0	0.0	0.483	1.0	0.0	0.919	49.2	73.0	−8.6	73.6	353	1.0	0.0	0.483			
371	362	354	1.0	0.0	0.466	48.3	67.8	14.2	69.3	371		1.0	0.0	0.678	48.4	71.4	2.5	71.5	362	1.0	0.0	0.467	1.0	0.0	0.869	48.7	74.0	−7.3	74.4	354	1.0	0.0	0.467			
372	363	355	1.0	0.0	0.45	48.4	67.4	15.3	69.2	372		1.0	0.0	0.657	48.4	71.0	3.7	71.1	363	1.0	0.0	0.45	1.0	0.0	0.838	48.6	73.7	−5.8	74.0	355	1.0	0.0	0.45			
373	364	356	1.0	0.0	0.433	48.4	67.1	16.5	69.1	373		1.0	0.0	0.636	48.4	70.6	4.9	70.7	364	1.0	0.0	0.433	1.0	0.0	0.807	48.5	73.4	−4.4	73.5	356	1.0	0.0	0.433			
374	365	357	1.0	0.0	0.416	48.4	66.7	17.6	69.0	374		1.0	0.0	0.614	48.4	70.2	6.1	70.4	365	1.0	0.0	0.417	1.0	0.0	0.776	48.4	73.0	−2.9	73.1	357	1.0	0.0	0.417			
375	366	358	1.0	0.0	0.4	48.4	66.3	18.8	68.9	375		1.0	0.0	0.591	48.4	69.9	7.3	70.2	366	1.0	0.0	0.4	1.0	0.0	0.746	48.3	72.7	−1.5	72.7	358	1.0	0.0	0.4			
376	367	359	1.0	0.0	0.383	48.4	65.9	19.9	68.8	376		1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.383	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359	1.0	0.0	0.383			
377	368	360	1.0	0.0	0.366	48.4	65.6	21.1	68.9	377		1.0	0.0	0.544	48.4	69.2	9.7	69.9	368	1.0	0.0	0.367	1.0	0.0	0.7	48.3	71.8	1.2	71.8	360	1.0	0.0	0.367			
378	369	362	1.0	0.0	0.35	48.4	65.5	22.3	69.2	378		1.0	0.0	0.52	48.4	68.8	10.9	69.7	369	1.0	0.0	0.35	1.0	0.0	0.676	48.4	71.4	2.6	71.4	362	1.0	0.0	0.35			
379	370	363	1.0	0.0	0.333	48.4	65.3	23.5	69.4	379		1.0	0.0	0.498	48.4	68.4	12.1	69.5	370	1.0	0.0	0.333	1.0	0.0	0.653	48.4	70.9	4.0	71.0	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	48.3	65.1	24.8	69.7	380		1.0	0.0	0.481	48.4	68.1	13.2	69.4	371	1.0	0.0	0.317	1.0	0.0	0.63	48.4	70.4	5.3	70.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	48.3	65.0	26.0	70.0	381		1.0	0.0	0.464	48.4	67.8	14.4	69.3	372	1.0	0.0	0.3	1.0	0.0	0.604	48.4	70.0	6.7	70.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	48.3	64.7	27.3	70.3	382		1.0	0.0	0.448	48.4	67.4	15.6	69.2	373	1.0	0.0	0.283	1.0	0.0	0.578	48.4	69.7	8.0	70.1	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	48.3	64.5	28.5	70.5	383		1.0	0.0	0.431	48.4	67.1	16.7	69.1	374	1.0	0.0	0.267	1.0	0.0	0.552	48.4	69.3	9.3	69.9	367	1.0	0.0	0.267			
384	375	368	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384		1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.25	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368	1.0	0.0	0.25			
385	376	369	1.0	0.0	0.233	48.3	64.2	30.8	71.2	385		1.0	0.0	0.397	48.5	66.3	19.0	68.9	376	1.0	0.0	0.233	1.0	0.0	0.5	48.4	68.5	11.9	69.5	369	1.0	0.0	0.233			
386	377	370	1.0	0.0	0.216	48.3	64.1	31.9	71.6	386		1.0	0.0	0.38	48.5	65.8	20.1	68.8	377	1.0	0.0	0.217	1.0	0.0	0.481	48.4	68.1	13.2	69.4	370	1.0	0.0	0.217			
387	378	372	1.0	0.0	0.2	48.3	64.0	33.0	72.0	387		1.0	0.0	0.364	48.5	65.6	21.3	69.0	378	1.0	0.0	0.2	1.0	0.0	0.462	48.4	67.8	14.5	69.3	372	1.0	0.0	0.2			
388	379	373	1.0	0.0	0.183	48.3	63.9	34.0	72.4	388		1.0	0.0	0.347	48.4	65.5	22.6	69.3	379	1.0	0.0	0.183	1.0	0.0	0.444	48.4	67.4	15.8	69.2	373	1.0	0.0	0.183			
388	380	374	1.0	0.0	0.166	48.4	63.8	35.1	72.8	388		1.0	0.0	0.331	48.4	65.3	23.8	69.5	380	1.0	0.0	0.167	1.0	0.0	0.425	48.4	66.9	17.1	69.1	374	1.0	0.0	0.167			
389	381	375	1.0	0.0	0.15	48.4	63.6	36.2	73.2	389		1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.15	1.0	0.0	0.406	48.4	66.5	18.4	69.0	375	1.0	0.0	0.15			
390	382	376	1.0	0.0	0.133	48.4	63.4	37.3	73.6	390		1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.133	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376	1.0	0.0	0.133			
391	383	377	1.0	0.0	0.116	48.4	63.4	38.1	74.0	391		1.0	0.0	0.281	48.3	64.8	27.5	70.4	383	1.0	0.0	0.117	1.0	0.0	0.369	48.5	65.7	20.9	68.9	377	1.0	0.0	0.117			
391	384	378	1.0	0.0	0.1	48.4	63.4	38.7	74.3	391		1.0	0.0	0.264	48.3	64.5	28.7	70.6	384	1.0	0.0	0.1	1.0	0.0	0.351	48.4	65.5	22.3	69.2	378	1.0	0.0	0.1			
391	385	379	1.0	0.0	0.083	48.3	63.4	39.4	74.6	391		1.0	0.0	0.247	48.3	64.3	30.0	70.9	385	1.0	0.0	0.083	1.0	0.0	0.332	48.4	65.4	23.7	69.5	379	1.0	0.0	0.083			
392	386	381	1.0	0.0	0.066	48.3	63.4	40.0	74.9	392		1.0	0.0	0.226	48.3	64.2	31.3	71.4	386	1.0	0.0	0.067	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.067			
392	387	382	1.0	0.0	0.049	48.2	63.4	40.6	75.3	392		1.0	0.0	0.206	48.4	64.1	32.7	71.9	387	1.0	0.0	0.05	1.0	0.0	0.295	48.4	64.9	26.4	70.1	382	1.0	0.0	0.05			
393	388	383	1.0	0.0	0.033	48.2	63.3	41.2	75.6	393		1.0	0.0	0.185	48.4	64.0	34.0	72.4	388	1.0	0.0	0.033	1.0	0.0	0.277	48.3	64.7	27.8	70.4	383	1.0	0.0	0.033			
393	389	384	1.0	0.0	0.016	48.1	63.3	41.8	75.9	393		1.0	0.0	0.164	48.4	63.8	35.4	72.9	389	1.0	0.0	0.017	1.0	0.0	0.258	48.3	64.4	29.2	70.7	384	1.0	0.0	0.017			
393	390	385	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393	R_d	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	R_s	1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385	R_e	1.0	0.0	0.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb−LabCh**Tabellen
Eingabe: *rgb/cmyk* −> *rgb*$_{dd}$
Ausgabe: 3D-Linearisierung *rgb**$_{dd}$

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1/657	R13Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4	1.0	0.115	0.0	48.8	62.1	44.5	76.4	35.6	0.2	36	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4
2/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.231	0.0	49.7	60.2	50.5	78.6	40.0	1.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
3/675	R38Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5	1.0	0.366	0.0	55.2	49.4	57.8	76.0	49.4	1.2	51	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5
4/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.501	0.0	64.1	31.9	65.0	72.5	63.8	1.6	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
5/693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1	1.0	0.632	0.125	74.0	13.7	73.9	75.2	79.4	1.8	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1
6/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.765	0.0	82.6	−1.0	82.6	82.6	90.7	1.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
7/711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1	1.0	0.882	0.0	89.3	−11.8	90.7	91.4	97.4	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1
8/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	94.8	96.4	100.5	0.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
9/639	Y13G_100_100$_{dd}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2	0.884	1.0	0.0	84.9	−26.4	81.5	85.7	107.9	0.7	96	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2
10/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6	0.685	0.874	0.125	75.8	−36.2	66.4	75.7	118.6	1.0	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
11/477	Y38G_100_100$_{dd}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7	0.613	0.941	0.0	68.1	−45.2	54.7	71.0	129.5	0.4	111	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129.7
12/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	62.4	−52.6	46.3	70.1	138.6	1.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
13/315	Y63G_100_100$_{dd}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142.2	0.334	0.877	0.014	61.4	−54.2	44.5	70.2	140.6	2.7	128	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142.2
14/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1	0.263	0.927	0.127	58.8	−59.1	41.3	72.1	145.0	0.2	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
15/153	Y88G_100_100$_{dd}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	58.8	−58.5	40.8	71.3	145.1	1.0	143	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
16/72	G00C_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
17/73	G13C_100_100$_{dd}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146.1	0.004	1.0	0.122	58.5	−59.3	40.5	71.9	145.6	1.1	156	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146.1
18/74	G25C_100_100$_{dd}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1	0.194	0.874	0.19	57.8	−60.3	39.1	71.9	147.0	0.3	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
19/75	G38C_100_100$_{dd}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148.4	0.0	1.0	0.368	57.5	−60.4	37.0	70.9	148.4	1.2	171	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148.4
20/76	G50C_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.9	−59.1	32.5	67.5	151.2	1.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
21/77	G63C_100_100$_{dd}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154.7	0.0	1.0	0.637	58.1	−57.3	26.3	63.0	155.3	2.5	188	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154.7
22/78	G75C_100_100$_{dd}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0	0.125	1.0	0.75	60.0	−51.3	15.4	53.6	163.2	3.3	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
23/79	G88C_100_100$_{dd}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182.4	0.0	0.997	0.874	60.6	−44.3	−1.8	44.3	182.4	2.2	203	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182.4
24/80	C00B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.6	−38.5	−22.7	44.7	210.5	2.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
25/71	C13B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5	0.022	0.874	1.0	53.6	−33.1	−38.2	50.5	229.0	3.1	216	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5
26/62	C25B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3	0.0	0.749	0.985	52.9	−24.0	−49.6	55.1	244.1	2.7	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
27/53	C38B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6	0.0	0.623	0.983	49.7	−19.3	−49.8	53.5	248.7	0.5	231	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6
28/44	C50B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.2	−15.4	−50.1	52.4	252.9	0.7	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
29/35	C63B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2	0.0	0.366	1.0	45.1	−11.6	−49.8	51.1	256.8	0.4	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2
30/26	C75B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6	0.022	0.25	0.973	43.4	−8.5	−49.6	50.3	260.2	1.3	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
31/17	C88B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−6.1	−49.0	49.4	262.8	1.1	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0
32/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−5.3	−48.8	49.1	263.7	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
33/89	B13M_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0	0.125	0.0	1.0	40.8	−4.3	−48.9	49.1	264.9	0.2	276	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0
34/170	B25M_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9	0.238	0.001	1.0	40.4	−3.4	−49.2	49.3	265.9	0.0	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
35/251	B38M_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7	0.377	0.014	1.0	39.0	−0.7	−49.8	49.8	269.1	0.7	291	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7
36/332	B50M_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	37.6	7.5	−47.1	47.7	279.1	1.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
37/413	B63M_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6	0.516	0.146	0.797	37.9	21.8	−41.1	46.6	297.9	1.1	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6
38/494	B75M_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7	0.741	0.195	0.911	43.5	33.3	−31.9	46.2	316.2	2.3	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
39/575	B88M_100_100$_{dd}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7	0.861	0.224	0.896	47.3	48.5	−23.7	54.0	333.9	1.8	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7
40/656	M00R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.0	71.4	−10.0	72.1	352.0	0.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
41/655	M13R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8	0.999	0.001	0.882	48.4	74.5	−7.7	74.9	354.0	0.8	336	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8
42/654	M25R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9	1.0	0.035	0.76	48.2	73.0	−2.5	73.0	357.9	0.1	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
43/653	M38R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1	1.0	0.008	0.632	48.5	70.4	4.2	70.6	363.4	0.8	351	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1
44/652	M50R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.999	0.0	0.501	48.9	67.8	10.4	68.6	368.7	1.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
45/651	M63R_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8	1.0	0.006	0.368	48.6	65.6	19.8	68.5	376.8	1.2	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8
46/650	M75R_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6	0.996	0.125	0.259	48.7	64.1	29.5	70.6	384.7	1.3	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
47/649	M88R_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0	1.0	0.0	0.116	48.6	63.2	36.6	73.0	390.0	1.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0
48/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	393.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
49/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.3	0.0	−0.8	0.8	272.4	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	31.4	0.7	0.2	0.7	19.5	4.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.4	−0.6	1.5	336.9	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.4	0.4	−0.7	0.8	301.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
54/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.0	−0.8	0.8	273.9	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
55/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.5	0.0	−0.1	0.1	290.8	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
56/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.7	0.0	0.1	0.1	68.9	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
57/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																								delta	**1.2**									

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Farben und Farbabstände, $\Delta E'^*$

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

n/j	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'*$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
0/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1/666	R25Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.231	0.0	49.7	60.2	50.5	78.6	40.0	1.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
2/684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.501	0.0	64.1	31.9	65.0	72.5	63.8	1.6	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
3/702	R75Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.765	0.0	82.6	−1.0	82.6	82.6	90.7	1.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
4/720	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	94.8	96.4	100.5	0.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
5/558	Y25G_100_100$_{dd}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6	0.685	0.874	0.125	75.8	−36.2	66.4	75.7	118.6	1.0	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
6/396	Y50G_100_100$_{dd}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	62.4	−52.6	46.3	70.1	138.6	1.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
7/234	Y75G_100_100$_{dd}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1	0.263	0.927	0.127	58.8	−59.1	41.3	72.1	145.0	0.2	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
8/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
9/72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	59.6	−57.9	41.3	71.1	144.4	2.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
10/76	G25B_100_100$_{dd}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.9	−59.1	32.5	67.5	151.2	1.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
11/80	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.6	−38.5	−22.7	44.7	210.5	2.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
12/44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.2	−15.4	−50.1	52.4	252.9	0.7	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
13/8	B00M_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.9	−5.3	−48.8	49.1	263.7	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
14/332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	37.6	7.5	−47.1	47.7	279.1	1.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
15/656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.0	71.4	−10.0	72.1	352.0	0.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
16/652	B75R_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.999	0.0	0.501	48.9	67.8	10.4	68.6	8.7	1.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
17/648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.2	63.2	41.6	75.6	33.3	0.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
18/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	72.9	25.4	17.1	30.6	33.9	7.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
19/706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.9	16.6	32.1	36.2	62.6	1.0	0.701	0.53	80.7	10.6	27.3	29.3	68.6	7.7	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
20/724	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.6	−8.7	47.6	48.4	100.4	1.0	0.963	0.623	93.6	−11.9	45.3	46.8	104.7	4.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
21/562	Y50G_100_050$_{dd}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.75	1.0	0.5	79.0	−26.9	23.1	35.5	139.3	0.645	0.871	0.613	79.8	−26.5	23.3	35.4	138.6	0.9	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
22/400	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	77.4	−29.7	20.4	36.1	145.5	0.6	0.874	0.623	77.9	−27.2	17.6	32.4	147.0	3.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
23/404	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.7	−20.2	−10.9	23.0	208.3	0.545	0.84	0.872	77.5	−20.0	−9.9	22.4	206.3	1.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
24/368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.624	0.625	0.835	70.9	−2.6	−25.4	25.6	264.0	2.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
25/692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.638	0.83	73.5	33.6	−6.5	34.2	348.9	2.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
26/688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	72.9	25.4	17.1	30.6	33.9	7.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
27/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	54.7	28.6	19.2	34.5	33.9	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
28/524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	59.7	16.6	32.1	36.2	62.6	0.728	0.467	0.309	61.5	14.5	28.6	32.1	63.1	4.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
29/542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.738	0.679	0.379	75.6	−9.1	45.3	46.2	101.3	2.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
30/380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	58.9	−26.9	23.1	35.5	139.3	0.417	0.557	0.367	61.1	−25.3	21.4	33.1	139.7	3.2	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
31/218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5	0.372	0.543	0.366	56.9	−28.9	18.8	34.5	146.8	1.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
32/222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3	0.338	0.549	0.584	57.7	−17.8	−12.5	21.8	215.0	3.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
33/186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0	0.386	0.409	0.561	50.1	−2.7	−24.8	25.0	263.7	1.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
34/510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.712	0.393	0.5	53.5	35.6	−7.3	36.4	348.3	2.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
35/506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	54.7	28.6	19.2	34.5	33.9	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
36/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	33.7	33.2	22.3	40.0	33.8	2.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
37/342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	39.6	16.6	32.1	36.2	62.6	0.507	0.279	0.126	40.3	16.0	33.3	36.9	64.2	1.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
38/360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.3	−8.7	47.6	48.4	100.4	0.508	0.473	0.165	55.6	−10.4	51.1	52.2	101.4	4.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
39/198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	38.7	−26.9	23.1	35.5	139.3	0.248	0.359	0.154	41.4	−27.0	26.7	38.0	135.3	4.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
40/36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.1	−29.7	20.4	36.1	145.5	0.208	0.341	0.155	40.0	−30.6	23.3	38.5	142.6	4.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
41/40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.4	−20.2	−10.9	23.0	208.3	0.197	0.349	0.374	38.9	−17.6	−12.5	21.6	215.3	3.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
42/4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.6	−2.5	−24.5	24.6	264.0	0.171	0.184	0.318	30.7	−5.0	−25.8	26.2	258.8	3.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
43/328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.49	0.17	0.292	33.1	40.5	−5.8	41.0	351.7	5.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
44/324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	33.7	33.2	22.3	40.0	33.8	2.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
45/0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.3	0.0	−0.8	0.8	272.4	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	31.4	0.7	0.2	0.7	19.5	4.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.4	−0.6	1.5	336.9	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.4	0.4	−0.7	0.8	301.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.0	−0.8	0.8	273.9	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.5	0.0	−0.1	0.1	290.8	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.7	0.0	0.1	0.1	68.9	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																								delta	**2.4**									

0−1031834−F0 RG610−7N, Seite 19/33−F

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

n=j	**HIC*$_{Fdd}$**	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
0	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1	B00R_012_012$_{dd}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	19.0	−0.6	−6.1	6.1	264.0	0.13	0.127	0.157	16.2	−0.8	−0.8	1.2	225.9	5.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
2	B00R_025_025$_{dd}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	22.2	−1.2	−12.2	12.3	264.0	0.148	0.14	0.2	20.7	−3.1	−9.1	9.7	251.0	3.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
3	B00R_037_037$_{dd}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	25.4	−1.9	−18.3	18.4	264.0	0.168	0.17	0.263	21.2	−0.8	−25.3	25.3	268.0	8.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
4	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.6	−2.5	−24.5	24.6	264.0	0.171	0.184	0.318	27.3	−1.5	−34.8	34.8	267.4	10.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
5	B00R_062_062$_{dd}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	31.8	−3.1	−30.6	30.8	264.0	0.174	0.201	0.371	32.1	−3.2	−38.4	38.5	265.1	7.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
6	B00R_075_075$_{dd}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	35.1	−3.8	−36.7	36.9	264.0	0.177	0.215	0.445	35.6	−4.3	−42.2	42.4	264.0	5.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
7	B00R_087_087$_{dd}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	38.3	−4.4	−42.9	43.1	264.0	0.177	0.233	0.524	37.8	−4.1	−45.6	45.8	264.8	2.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
8	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	40.4	−5.3	−47.8	48.1	263.6	1.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
9	G00B_012_012$_{dd}$	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.0	21.1	−7.4	5.1	9.0	145.5	0.134	0.153	0.031	23.1	−24.2	9.1	25.9	159.3	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
10	G50B_012_012$_{dd}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−5.0	−2.7	5.7	208.3	0.13	0.15	0.152	17.4	−11.4	−4.3	12.2	200.8	7.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
11	G75B_025_025$_{dd}$	0.0	0.125	0.25	0.25	0.25	0.125	240	0.0	0.125	0.25	23.6	−3.6	−12.5	13.0	253.6	0.149	0.158	0.214	22.8	−6.1	−23.7	24.5	255.4	11.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
12	G84B_037_037$_{dd}$	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.118	0.375	26.4	−3.6	−18.6	19.0	258.9	0.166	0.183	0.276	27.2	−2.6	−34.0	34.1	265.5	15.3	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
13	G88B_050_050$_{dd}$	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.116	0.5	29.2	−3.6	−24.8	25.0	261.6	0.169	0.192	0.326	31.3	−3.4	−38.5	38.6	264.8	13.8	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
14	G90B_062_062$_{dd}$	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.114	0.625	32.3	−3.9	−30.8	31.1	262.7	0.173	0.208	0.377	35.1	−3.9	−41.8	42.0	264.6	11.3	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
15	G92B_075_075$_{dd}$	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	35.3	−4.1	−36.8	37.1	263.5	0.175	0.219	0.448	37.7	−4.8	−44.4	44.7	263.7	8.0	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
16	G93B_087_087$_{dd}$	0.0	0.125	0.875	0.875	0.875	0.437	262	0.0	0.116	0.875	38.4	−4.5	−42.9	43.1	263.8	0.176	0.235	0.526	39.6	−4.4	−47.1	47.3	264.5	4.4	262	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263.8
17	G94B_100_100$_{dd}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	263	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264.0
18	G00B_025_025$_{dd}$	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.0	26.4	−14.8	10.2	18.0	145.5	0.157	0.209	0.104	32.6	−40.9	19.0	45.1	155.0	28.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
19	G25B_025_025$_{dd}$	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.125	26.1	−15.1	8.1	17.2	151.6	0.141	0.204	0.127	31.7	−46.5	17.3	49.7	159.5	33.2	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
20	G50B_025_025$_{dd}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	26.1	−10.1	−5.4	11.5	208.3	0.181	0.247	0.254	26.8	−29.3	−6.7	30.0	192.9	19.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
21	G65B_037_037$_{dd}$	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.256	0.375	28.9	−8.2	−18.8	20.5	246.4	0.162	0.221	0.309	32.8	−13.6	−34.1	36.7	248.2	16.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
22	G75B_050_050$_{dd}$	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.25	0.5	31.4	−7.3	−25.0	26.0	253.6	0.167	0.229	0.354	36.6	−6.9	−42.8	43.4	260.7	18.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
23	G80B_062_062$_{dd}$	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.239	0.625	34.3	−7.3	−31.1	31.9	256.7	0.17	0.242	0.409	39.7	−7.0	−45.2	45.8	261.1	15.1	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
24	G84B_075_075$_{dd}$	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.237	0.75	37.1	−7.2	−37.3	38.0	258.9	0.167	0.252	0.468	41.6	−6.7	−47.8	48.3	261.9	11.4	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
25	G86B_087_087$_{dd}$	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.233	0.875	39.8	−7.1	−43.5	44.1	260.6	0.159	0.266	0.56	42.3	−6.1	−49.5	49.8	262.9	6.5	255	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260.6
26	G88B_100_100$_{dd}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6	0.022	0.25	0.973	42.9	−7.6	−49.7	50.3	261.2	0.4	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
27	G00B_037_037$_{dd}$	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.0	31.8	−22.3	15.3	27.0	145.5	0.182	0.279	0.141	41.5	−49.4	26.8	56.2	151.5	31.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
28	G15B_037_037$_{dd}$	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.118	31.4	−22.9	14.3	27.0	147.9	0.168	0.269	0.137	40.5	−53.3	25.5	59.1	154.3	33.7	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
29	G34B_037_037$_{dd}$	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.256	31.5	−21.6	8.8	23.3	157.6	0.18	0.288	0.193	41.2	−68.2	22.9	72.0	161.3	49.6	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
30	G50B_037_037$_{dd}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	31.2	−15.2	−8.2	17.2	208.3	0.181	0.282	0.298	40.3	−48.4	−6.5	48.9	187.6	34.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
31	G61B_050_050$_{dd}$	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.383	0.5	34.2	−13.2	−24.3	27.7	241.3	0.159	0.274	0.384	43.4	−22.7	−39.6	45.7	240.1	20.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
32	G69B_062_062$_{dd}$	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.385	0.625	36.7	−11.8	−31.4	33.6	249.2	0.156	0.278	0.441	45.0	−12.4	−47.6	49.2	255.3	18.2	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
33	G75B_075_075$_{dd}$	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.375	0.75	39.3	−11.0	−37.5	39.1	253.6	0.157	0.292	0.497	44.2	−9.0	−49.4	50.2	259.6	12.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
34	G79B_087_087$_{dd}$	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.364	0.875	42.1	−10.9	−43.6	44.9	255.8	0.144	0.323	0.593	44.3	−9.7	−49.7	50.6	258.9	6.5	245	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255.8
35	G81B_100_100$_{dd}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2	0.0	0.366	1.0	45.3	−11.4	−49.7	51.0	256.9	0.2	248	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257.2
36	G00B_050_050$_{dd}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.0	37.1	−29.7	20.4	36.1	145.5	0.208	0.341	0.155	47.7	−54.5	31.7	63.1	149.8	29.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
37	G11B_050_050$_{dd}$	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.116	36.7	−30.2	19.5	36.0	147.1	0.198	0.336	0.156	47.0	−56.7	30.9	64.6	151.3	30.6	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
38	G25B_050_050$_{dd}$	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.25	36.4	−30.3	16.3	34.4	151.6	0.189	0.335	0.18	46.6	−63.9	28.5	70.0	155.9	37.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
39	G38B_050_050$_{dd}$	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.383	37.2	−27.2	7.7	28.2	164.0	0.198	0.35	0.261	47.8	−77.6	25.3	81.7	161.8	54.4	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
40	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.4	−20.2	−10.9	23.0	208.3	0.197	0.349	0.374	49.5	−58.1	−7.4	58.6	187.2	40.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
41	G59B_062_062$_{dd}$	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.51	0.625	39.0	−19.3	−27.2	33.4	234.6	0.146	0.338	0.455	50.9	−33.5	−37.2	50.1	227.9	21.0	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
42	G65B_075_075$_{dd}$	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.512	0.75	42.1	−16.4	−37.7	41.1	246.4	0.138	0.364	0.545	49.0	−16.8	−49.5	52.3	251.2	13.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
43	G70B_087_087$_{dd}$	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.51	0.875	44.5	−15.5	−43.9	46.6	250.5	0.125	0.384	0.612	46.9	−14.1	−49.8	51.8	254.2	6.5	234	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250.5
44	G75B_100_100$_{dd}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
45	G00B_062_062$_{dd}$	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.0	42.4	−37.2	25.5	45.1	145.5	0.225	0.402	0.161	52.2	−57.6	35.4	67.6	148.3	24.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
46	G09B_062_062$_{dd}$	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.114	42.0	−37.8	24.8	45.2	146.7	0.215	0.396	0.162	51.5	−60.2	34.5	69.4	150.1	26.2	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
47	G19B_062_062$_{dd}$	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.239	41.7	−38.4	23.3	44.9	148.7	0.204	0.392	0.172	51.7	−64.2	34.0	72.6	152.1	29.6	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
48	G30B_062_062$_{dd}$	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.385	41.7	−37.2	18.0	41.3	154.1	0.199	0.395	0.226	51.5	−72.1	32.4	79.0	155.7	39.0	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
49	G40B_062_062$_{dd}$	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.51	42.9	−32.0	4.6	32.4	171.6	0.215	0.429	0.357	50.2	−72.2	17.0	74.2	166.7	42.6	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
50	G50B_062_062$_{dd}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	41.6	−25.3	−13.6	28.8	208.3	0.19	0.4	0.435	51.8	−55.1	−12.5	56.5	192.8	31.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
51	G57B_075_075$_{dd}$	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.637	0.75	43.8	−25.1	−30.0	39.2	230.1	0.14	0.408	0.529	52.5	−37.6	−36.2	52.2	223.9	16.4	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
52	G63B_087_087$_{dd}$	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.641	0.875	47.6	−21.1	−43.9	48.7	244.3	0.125	0.462	0.692	51.6	−22.3	−50.2	54.9	245.9	7.5	224	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244.3
53	G68B_100_100$_{dd}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6	0.0	0.623	0.983	49.4	−19.3	−50.3	53.8	248.9	0.4	231	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248.6
54	G00B_075_075$_{dd}$	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.0	47.8	−44.6	30.6	54.1	145.5	0.243	0.471	0.178	57.0	−60.2	38.8	71.6	147.1	19.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
55	G07B_075_075$_{dd}$	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.112	47.3	−45.3	30.1	54.4	146.4	0.232	0.468	0.178	56.7	−62.2	38.3	73.0	148.3	20.9	157	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
56	G15B_075_075$_{dd}$	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.237	47.0	−45.8	28.6	54.0	147.9	0.221	0.465	0.192	55.8	−63.6	37.3	73.8	149.5	21.7	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
57	G25B_075_075$_{dd}$	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.375	46.8	−45.5	24.5	51.7	151.6	0.212	0.462	0.25	54.7	−65.6	35.4	74.5	151.6	24.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
58	G34B_075_075$_{dd}$	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.512	47.3	−43.2	17.7	46.7	157.6	0.213	0.472	0.312	54.2	−65.8	27.3	71.2	157.4	25.4	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
59	G42B_075_075$_{dd}$	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.75	0.637	48.6	−36.5	2.0	36.5	176.7	0.22	0.488	0.428	55.5	−57.3	7.6	57.8	172.4	22.6	202	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
60	G50B_075_075$_{dd}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	46.7	−30.4	−16.4	34.5	208.3	0.194	0.46	0.504	55.2	−48.5	−14.0	50.5	196.1	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
61	G56B_087_087$_{dd}$	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.758	0.875	48.5	−30.3	−33.5	45.2	227.8	0.133	0.482	0.611	52.7	−36.7	−37.2	52.2	225.3	8.4	217	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227.8
62	G61B_100_100$_{dd}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3	0.0	0.749	0.985	52.6	−24.9	−50.1	56.0	243.5	2.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
63	G00B_087_087$_{dd}$	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.0	53.1	−52.1	35.7	63.1	145.5	0.261	0.553	0.204	58.9	−58.7	40.8	71.5	145.1	10.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
64	G06B_087_087$_{dd}$	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.116	52.6	−52.8	35.3	63.5	146.2	0.252	0.552	0.201	58.0	−60.1	40.3	72.4	146.1	10.3	157	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146.2
65	G13B_087_087$_{dd}$	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.233	52.3	−53.1	33.9	63.0	147.4	0.241	0.544	0.228	57.4	−60.6	39.3	72.2	147.0	10.5	164	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147.4
66	G20B_087_087$_{dd}$	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.364	52.0	−53.6	31.4	62.2	149.6	0.228	0.535	0.25	56.4	−62.6	37.5	73.0	149.0	11.6	174	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149.6
67	G29B_087_087$_{dd}$	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.51	52.0	−52.4	26.2	58.6	153.4	0.217	0.543	0.312	56.0	−62.8	32.5	70.7	152.6	12.8	185	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153.4
68	G36B_087_087$_{dd}$	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.641	52.9	−48.8	17.2	51.7	160.5	0.125	1.0	0.75	56.8	−58.9	22.5	63.1	159.1	12.0	195	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160.5
69	G43B_087_087$_{dd}$	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.875	0.758	54.3	−41.2	0.5	41.3	179.2	0.125	1.0	0.875	58.3	−51.2	4.3	51.4	175.1	11.4	202	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179.2
70	G50B_087_087$_{dd}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	51.9	−35.5	−19.1	40.3	208.3	0.125	1.0	1.0	56.8	−43.3	−17.5	46.7	202.0	9.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
71	G55B_100_100$_{dd}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5	0.022	0.874	1.0	53.3	−35.2	−37.3	51.3	226.7	1.1	216	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225.5
72	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.

n	**HIC*$_{Fdd}$**	***rgb*$_{Fdd}$**			***ict*$_{Fdd}$**			***h*$_{si_Fdd}$**	***rgb**$_{Fdd}$**			***LabCh**$_{Fdd}$**					***rgb'**$_{Fdd}$**			***LabCh'**$_{Fdd}$**					***DE'**$_{Fdd}$*	***h*$_{siM,dd}$**	***rgb**$_{Mdd}$**			***LabCh**$_{Mdd}$**				
81	R00Y_012_012$_{dd}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.0	19.8	7.9	5.3	9.5	33.8	0.235	0.108	0.047	17.2	1.4	0.5	1.4	19.6	8.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
82	B50R_012_012$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.0	8.8	−1.3	8.9	351.5	0.229	0.119	0.14	17.3	6.5	−10.2	12.1	302.8	9.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
83	B25R_025_025$_{dd}$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.125	0.0	0.25	20.9	2.0	−11.9	12.1	279.6	0.155	0.125	0.19	22.6	5.8	−32.5	33.0	280.1	20.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
84	B15R_037_037$_{dd}$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.118	0.0	0.375	24.6	−0.5	−18.6	18.6	268.1	0.166	0.157	0.251	25.5	2.8	−35.8	35.9	274.4	17.5	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
85	B11R_050_050$_{dd}$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.116	0.0	0.5	28.1	−1.7	−24.6	24.7	265.9	0.168	0.174	0.31	29.9	2.4	−41.4	41.5	273.3	17.4	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
86	B09R_062_062$_{dd}$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.114	0.0	0.625	31.3	−2.3	−30.7	30.8	265.5	0.172	0.191	0.365	34.0	−0.1	−43.6	43.6	269.8	13.3	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
87	B07R_075_075$_{dd}$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.112	0.0	0.75	34.5	−3.0	−36.8	36.9	265.3	0.175	0.205	0.438	36.5	−1.5	−45.6	45.6	268.0	9.1	278	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
88	B06R_087_087$_{dd}$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.116	0.0	0.875	37.7	−3.6	−42.9	43.1	265.1	0.176	0.22	0.517	38.6	−3.0	−47.6	47.7	266.3	4.7	277	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265.1
89	B05R_100_100$_{dd}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.0	276	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265.0
90	Y00G_012_012$_{dd}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.125	0.0	25.4	−2.1	11.9	12.1	100.4	0.244	0.217	0.133	18.5	−1.7	1.7	2.4	134.9	12.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
91	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	B00R_025_012$_{dd}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	−0.6	−6.1	6.1	264.0	0.27	0.263	0.29	23.8	−2.4	−24.8	24.9	264.3	19.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
93	B00R_037_025$_{dd}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.3	−1.2	−12.2	12.3	264.0	0.276	0.273	0.334	30.3	−2.3	−38.9	39.0	266.4	26.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
94	B00R_050_037$_{dd}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	35.5	−1.9	−18.3	18.4	264.0	0.284	0.293	0.39	34.2	−1.6	−44.5	44.5	267.9	26.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
95	B00R_062_050$_{dd}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	38.7	−2.5	−24.5	24.6	264.0	0.284	0.306	0.445	37.0	−2.9	−45.4	45.5	266.3	20.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
96	B00R_075_062$_{dd}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	41.9	−3.1	−30.6	30.8	264.0	0.284	0.32	0.5	38.7	−3.7	−46.8	47.0	265.4	16.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
97	B00R_087_075$_{dd}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	45.1	−3.8	−36.7	36.9	264.0	0.315	0.359	0.597	40.5	−4.4	−48.5	48.7	264.7	12.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
98	B00R_100_087$_{dd}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	48.4	−4.4	−42.9	43.1	264.0	0.379	0.402	0.739	41.2	−4.7	−49.4	49.6	264.5	9.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
99	Y50G_025_025$_{dd}$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.125	0.25	0.0	27.2	−13.4	11.5	17.7	139.3	0.177	0.222	0.124	31.5	−35.8	18.7	40.4	152.3	23.8	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
100	G00B_025_012$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−7.4	5.1	9.0	145.5	0.266	0.299	0.246	31.8	−27.7	12.8	30.5	155.1	21.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
101	G50B_025_012$_{dd}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	31.0	−5.0	−2.7	5.7	208.3	0.264	0.288	0.286	27.5	−19.2	−7.1	20.5	200.5	15.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
102	G75B_037_025$_{dd}$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.25	0.375	33.6	−3.6	−12.5	13.0	253.6	0.273	0.29	0.348	33.0	−12.3	−28.1	30.7	246.2	17.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
103	G84B_050_037$_{dd}$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.243	0.5	36.5	−3.6	−18.6	19.0	258.9	0.28	0.307	0.404	38.0	−8.8	−42.0	42.9	258.0	23.9	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
104	G88B_062_050$_{dd}$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.241	0.625	39.3	−3.6	−24.8	25.0	261.6	0.282	0.314	0.454	40.6	−6.2	−46.9	47.3	262.4	22.3	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
105	G90B_075_062$_{dd}$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.239	0.75	42.3	−3.9	−30.8	31.1	262.7	0.284	0.328	0.509	41.9	−6.1	−48.7	49.1	262.8	18.0	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
106	G92B_087_075$_{dd}$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	45.4	−4.1	−36.8	37.1	263.5	0.314	0.363	0.6	42.4	−6.8	−49.5	49.9	262.1	13.2	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
107	G93B_100_087$_{dd}$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.125	0.241	1.0	48.4	−4.5	−42.9	43.1	263.8	0.379	0.403	0.74	42.6	−7.5	−49.4	50.0	261.3	9.2	262	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263.8
108	Y68G_037_037$_{dd}$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.118	0.375	0.0	32.2	−21.6	16.0	26.9	143.4	0.196	0.288	0.146	41.2	−47.5	25.9	54.2	151.3	29.1	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
109	G00B_037_025$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−14.8	10.2	18.0	145.5	0.268	0.341	0.242	40.8	−50.6	25.2	56.6	153.4	39.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
110	G25B_037_025$_{dd}$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.25	36.2	−15.1	8.1	17.2	151.6	0.26	0.341	0.254	39.9	−47.1	14.3	49.3	163.0	32.7	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
111	G50B_037_025$_{dd}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	36.1	−10.1	−5.4	11.5	208.3	0.273	0.345	0.348	38.4	−35.9	−8.8	37.0	193.8	26.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
112	G65B_050_037$_{dd}$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.381	0.5	39.0	−8.2	−18.8	20.5	246.4	0.268	0.344	0.436	41.0	−20.8	−33.2	39.2	237.9	19.2	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
113	G75B_062_050$_{dd}$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.375	0.625	41.5	−7.3	−25.0	26.0	253.6	0.271	0.347	0.48	44.4	−13.5	−45.9	47.8	253.5	21.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
114	G80B_075_062$_{dd}$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.364	0.75	44.3	−7.3	−31.1	31.9	256.7	0.286	0.37	0.55	44.9	−10.0	−49.1	50.1	258.4	18.2	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
115	G84B_087_075$_{dd}$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.362	0.875	47.1	−7.2	−37.3	38.0	258.9	0.308	0.4	0.632	45.2	−10.8	−49.4	50.5	257.5	12.7	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
116	G86B_100_087$_{dd}$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.358	1.0	49.9	−7.1	−43.5	44.1	260.6	0.375	0.436	0.814	45.2	−11.5	−49.6	51.0	256.9	8.8	255	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260.6
117	Y76G_050_050$_{dd}$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.116	0.5	0.0	37.2	−29.5	20.5	35.9	145.1	0.21	0.342	0.156	47.9	−53.6	31.9	62.4	149.2	28.7	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
118	G00B_050_037$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	41.8	−22.3	15.3	27.0	145.5	0.275	0.388	0.246	47.1	−57.3	31.0	65.1	151.5	38.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
119	G15B_050_037$_{dd}$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.243	41.4	−22.9	14.3	27.0	147.9	0.265	0.385	0.247	47.8	−64.8	29.5	71.2	155.4	45.0	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
120	G34B_050_037$_{dd}$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.381	41.6	−21.6	8.8	23.3	157.6	0.271	0.402	0.303	48.9	−66.7	19.3	69.4	163.7	46.8	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
121	G50B_050_037$_{dd}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−15.2	−8.2	17.2	208.3	0.272	0.402	0.416	48.9	−52.8	−9.5	53.7	190.2	38.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
122	G61B_062_050$_{dd}$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.508	0.625	44.3	−13.2	−24.3	27.7	241.3	0.252	0.398	0.514	49.4	−32.4	−34.3	47.2	226.6	22.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
123	G69B_075_062$_{dd}$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.51	0.75	46.7	−11.8	−31.4	33.6	249.2	0.275	0.421	0.593	48.7	−18.3	−47.5	50.9	248.8	17.4	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
124	G75B_087_075$_{dd}$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.5	0.875	49.3	−11.0	−37.5	39.1	253.6	0.3	0.456	0.692	47.9	−15.6	−49.6	52.0	252.5	13.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
125	G79B_100_087$_{dd}$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.489	1.0	52.2	−10.9	−43.6	44.9	255.8	0.339	0.502	0.852	48.0	−15.9	−49.7	52.2	252.1	8.9	245	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255.8
126	Y81G_062_062$_{dd}$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.114	0.625	0.0	42.5	−37.0	25.6	45.0	145.3	0.226	0.402	0.161	51.7	−57.7	34.6	67.3	149.0	24.4	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
127	G00B_062_050$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	47.2	−29.7	20.4	36.1	145.5	0.292	0.45	0.276	51.3	−61.3	34.0	70.1	150.9	34.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
128	G11B_062_050$_{dd}$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.241	46.7	−30.2	19.5	36.0	147.1	0.284	0.448	0.278	52.2	−64.5	34.3	73.0	151.9	37.6	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
129	G25B_062_050$_{dd}$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.375	46.5	−30.3	16.3	34.4	151.6	0.274	0.451	0.301	52.1	−69.6	30.0	75.8	156.6	41.9	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
130	G38B_062_050$_{dd}$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.508	47.2	−27.2	7.7	28.2	164.0	0.274	0.466	0.373	53.3	−62.7	12.8	64.1	168.4	36.4	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
131	G50B_062_050$_{dd}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	46.5	−20.2	−10.9	23.0	208.3	0.264	0.449	0.472	54.2	−51.3	−10.6	52.4	191.7	32.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
132	G59B_075_062$_{dd}$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.635	0.75	49.1	−19.3	−27.2	33.4	234.6	0.24	0.495	0.612	52.6	−40.0	−32.5	51.6	219.0	21.6	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
133	G65B_087_075$_{dd}$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.637	0.875	52.2	−16.4	−37.7	41.1	246.4	0.269	0.532	0.747	51.9	−24.3	−48.9	54.6	243.5	13.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
134	G70B_100_087$_{dd}$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.635	1.0	54.6	−15.5	−43.9	46.6	250.5	0.284	0.574	0.908	50.6	−20.8	−50.0	54.2	247.3	9.0	234	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250.5
135	Y85G_075_075$_{dd}$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.112	0.75	0.0	47.8	−44.5	30.6	54.1	145.4	0.244	0.471	0.178	57.3	−58.5	39.6	70.6	145.8	19.0	142	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145.4
136	G00B_075_062$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.5	−37.2	25.5	45.1	145.5	0.301	0.504	0.294	56.3	−61.5	38.4	72.5	147.9	27.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
137	G09B_075_062$_{dd}$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.239	52.1	−37.8	24.8	45.2	146.7	0.292	0.502	0.296	55.8	−63.1	37.1	73.3	149.5	28.4	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
138	G19B_075_062$_{dd}$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.364	51.7	−38.4	23.3	44.9	148.7	0.282	0.503	0.305	55.5	−63.4	34.0	71.9	151.7	27.4	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
139	G30B_075_062$_{dd}$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.51	51.8	−37.2	18.0	41.3	154.1	0.272	0.509	0.344	56.0	−60.1	24.4	64.8	157.8	24.1	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
140	G40B_075_062$_{dd}$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.635	53.0	−32.0	4.6	32.4	171.6	0.276	0.532	0.453	58.0	−51.9	7.6	52.5	171.5	20.7	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
141	G50B_075_062$_{dd}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.6	−25.3	−13.6	28.8	208.3	0.255	0.525	0.559	57.6	−44.4	−11.5	45.9	194.5	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
142	G57B_087_075$_{dd}$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.762	0.875	53.9	−25.1	−30.0	39.2	230.1	0.225	0.573	0.72	53.9	−36.7	−33.5	49.7	222.4	12.0	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
143	G63B_100_087$_{dd}$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.766	1.0	57.7	−21.1	−43.9	48.7	244.3	0.216	0.712	0.996	53.2	−23.8	−49.5	55.0	244.3	7.6	224	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244.3
144	Y86G_087_087$_{dd}$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.116	0.875	0.0	53.1	−52.0	35.7	63.1	145.5	0.261	0.553	0.204	58.3	−59.1	40.7	71.8	145.4	10.1	142	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145	G00B_087_075$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	57.8	−44.6	30.6	54.1	145.5	0.323	0.581	0.32	57.1	−61.6	39.4	73.2	147.3	19.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146	G07B_087_075$_{dd}$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.237	57.4	−45.3	30.1	54.4	146.4	0.313	0.579	0.321	56.5	−61.8	37.1	72.1	149.0	17.9	157	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146.4
147	G15B_087_075$_{dd}$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.362	57.0	−45.8	28.6	54.0	147.9	0.302	0.579	0.333	56.8	−61.5	35.6	71.1	149.9	17.1	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
148	G25B_087_075$_{dd}$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.5	56.8	−45.5	24.5	51.7	151.6	0.25	1.0	0.623	57.2	−59.2	29.1	66.0	153.8	14.4	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
149	G34B_087_075$_{dd}$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.637	57.3	−43.2	17.7	46.7	157.6	0.274	0.588	0.428	58.1	−55.0	19.1	58.3	160.8	11.9	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
150	G42B_087_075$_{dd}$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.875	0.762	58.7	−36.5	2.0	36.5	176.7	0.25	1.0	0.875	59.6	−47.7	3.2	47.8	176.0	11.2	202	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176.7
151	G50B_087_075$_{dd}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	56.8	−30.4	−16.4	34.5	208.3	0.25	1.0	1.0	58.5	−41.3	−14.6	43.8	199.5	11.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
152	G56B_100_087$_{dd}$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.883	1.0	58.6	−30.3	−33.5	45.2	227.8	0.204	0.749	0.915	54.9	−33.5	−35.6	48.9	226.7	5.3	217	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227.8
153	Y88G_100

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			*h*$_{si_Fdd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
162	R00Y_025_025$_{dd}$	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.0	23.8	15.8	10.6	19.0	33.8	0.316	0.137	0.062	19.5	15.1	5.1	15.9	18.6	7.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
163	R00Y_025_025$_{dd}$	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.125	23.9	17.1	2.9	17.3	9.8	0.306	0.134	0.143	17.1	13.1	−2.8	13.4	347.8	9.7	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
164	B50R_025_025$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.3	17.7	−2.6	17.9	351.5	0.3	0.136	0.178	20.4	19.7	−24.4	31.4	308.9	22.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
165	B34R_037_037$_{dd}$	0.25	0.0	0.375	0.375	0.375	0.187	311	0.256	0.0	0.375	24.5	9.7	−14.6	17.5	303.7	0.247	0.169	0.259	25.5	23.4	−46.1	51.7	296.9	34.3	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
166	B25R_050_050$_{dd}$	0.25	0.0	0.5	0.5	0.5	0.25	300	0.25	0.0	0.5	26.1	4.0	−23.9	24.2	279.6	0.187	0.146	0.284	31.8	10.3	−48.9	50.0	281.9	26.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
167	B19R_062_062$_{dd}$	0.25	0.0	0.625	0.625	0.625	0.312	293	0.239	0.0	0.625	29.8	0.3	−31.2	31.2	270.6	0.171	0.162	0.347	34.3	1.5	−45.0	45.0	271.9	14.4	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
168	B15R_075_075$_{dd}$	0.25	0.0	0.75	0.75	0.75	0.375	289	0.237	0.0	0.75	33.4	−1.1	−37.3	37.3	268.1	0.172	0.181	0.424	35.6	2.0	−47.4	47.4	272.4	10.7	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
169	B13R_087_087$_{dd}$	0.25	0.0	0.875	0.875	0.875	0.437	286	0.233	0.0	0.875	37.0	−2.5	−43.2	43.3	266.6	0.174	0.203	0.511	38.3	−0.3	−49.3	49.3	269.6	6.5	284	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266.6
170	B11R_100_100$_{dd}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9	0.238	0.001	1.0	40.3	−3.3	−49.3	49.4	266.0	0.1	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
171	R50Y_025_025$_{dd}$	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.125	0.0	27.7	8.3	16.0	18.1	62.6	0.321	0.198	0.082	20.3	7.1	9.5	11.9	53.0	9.9	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
172	R00Y_025_012$_{dd}$	0.25	0.125	0.125	0.25	0.25	0.125	390	0.25	0.124	0.124	29.9	7.9	5.3	9.5	33.8	0.331	0.234	0.21	20.3	9.8	1.8	10.0	10.7	10.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
173	B50R_025_012$_{dd}$	0.25	0.125	0.25	0.25	0.25	0.125	330	0.25	0.124	0.25	30.1	8.8	−1.3	8.9	351.5	0.335	0.242	0.257	24.0	15.8	−19.6	25.1	308.9	20.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
174	B25R_037_025$_{dd}$	0.25	0.125	0.375	0.375	0.25	0.25	300	0.25	0.124	0.375	31.0	2.0	−11.9	12.1	279.6	0.25	0.25	0.351	31.4	16.6	−39.6	43.0	292.7	31.2	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
175	B15R_050_037$_{dd}$	0.25	0.125	0.5	0.5	0.375	0.312	289	0.243	0.124	0.5	34.6	−0.5	−18.6	18.6	268.1	0.284	0.279	0.379	33.6	10.9	−47.4	48.6	282.9	31.0	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
176	B11R_062_050$_{dd}$	0.25	0.125	0.625	0.625	0.5	0.375	284	0.241	0.125	0.625	38.1	−1.7	−24.6	24.7	265.9	0.285	0.298	0.439	36.4	4.1	−48.6	48.7	274.8	24.7	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
177	B09R_075_062$_{dd}$	0.25	0.125	0.75	0.75	0.625	0.437	281	0.239	0.125	0.75	41.4	−2.3	−30.7	30.8	265.5	0.285	0.312	0.494	38.4	0.2	−48.7	48.7	270.2	18.3	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
178	B07R_087_075$_{dd}$	0.25	0.125	0.875	0.875	0.75	0.5	279	0.237	0.125	0.875	44.6	−3.0	−36.8	36.9	265.3	0.314	0.349	0.591	40.1	−2.7	−49.1	49.1	266.8	13.0	278	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
179	B06R_100_087$_{dd}$	0.25	0.125	1.0	1.0	0.875	0.562	278	0.241	0.125	1.0	47.8	−3.6	−42.9	43.1	265.1	0.376	0.397	0.749	41.1	−4.6	−49.3	49.5	264.6	9.2	277	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265.1
180	Y00G_025_025$_{dd}$	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.25	0.0	35.0	−4.3	23.8	24.2	100.4	0.329	0.29	0.135	26.7	−6.5	18.8	19.8	109.0	9.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
181	Y00G_025_012$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.4	−2.1	11.9	12.1	100.4	0.337	0.305	0.221	27.1	−5.6	17.5	18.4	107.9	10.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
182	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
183	B00R_037_012$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	39.1	−0.6	−6.1	6.1	264.0	0.368	0.372	0.403	32.9	−2.2	−23.3	23.4	264.5	18.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
184	B00R_050_025$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	42.3	−1.2	−12.2	12.3	264.0	0.37	0.377	0.447	39.4	−1.7	−40.2	40.2	267.4	28.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
185	B00R_062_037$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.6	−1.9	−18.3	18.4	264.0	0.371	0.381	0.489	39.8	−1.9	−48.2	48.3	267.6	30.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
186	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0	0.386	0.409	0.561	41.0	−3.8	−49.0	49.1	265.4	25.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
187	B00R_087_062$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	52.0	−3.1	−30.6	30.8	264.0	0.41	0.449	0.653	41.9	−5.8	−49.4	49.8	263.2	21.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
188	B00R_100_075$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	55.2	−3.8	−36.7	36.9	264.0	0.441	0.486	0.749	42.1	−6.5	−49.5	50.0	262.4	18.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
189	Y31G_037_037$_{dd}$	0.25	0.375	0.0	0.375	0.375	0.187	109	0.256	0.375	0.0	36.3	−15.9	22.2	27.3	125.6	0.282	0.328	0.153	40.6	−34.7	29.7	45.7	139.4	20.6	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
190	Y50G_037_025$_{dd}$	0.25	0.375	0.125	0.375	0.25	0.25	120	0.25	0.375	0.124	37.3	−13.4	11.5	17.7	139.3	0.286	0.344	0.239	40.7	−32.2	28.6	43.1	138.4	25.6	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
191	G00B_037_012$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−7.4	5.1	9.0	145.5	0.361	0.401	0.35	40.6	−22.7	11.9	25.6	152.3	16.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
192	G50B_037_012$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	41.1	−5.0	−2.7	5.7	208.3	0.36	0.396	0.397	36.5	−14.8	−6.5	16.1	203.7	11.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
193	G75B_050_025$_{dd}$	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.375	0.5	43.7	−3.6	−12.5	13.0	253.6	0.361	0.389	0.455	43.0	−10.8	−25.5	27.7	246.9	14.9	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
194	G84B_062_037$_{dd}$	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.368	0.625	46.6	−3.6	−18.6	19.0	258.9	0.365	0.392	0.497	44.8	−10.0	−41.2	42.4	256.3	23.5	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
195	G88B_075_050$_{dd}$	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.366	0.75	49.4	−3.6	−24.8	25.0	261.6	0.383	0.419	0.572	44.3	−8.6	−48.9	49.6	259.9	25.1	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
196	G90B_087_062$_{dd}$	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.364	0.875	52.4	−3.9	−30.8	31.1	262.7	0.409	0.457	0.662	44.5	−9.5	−49.0	49.9	258.9	20.6	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
197	G92B_100_075$_{dd}$	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	55.4	−4.1	−36.8	37.1	263.5	0.441	0.49	0.757	45.1	−11.3	−49.6	50.8	257.1	17.8	262	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263.5
198	Y50G_050_050$_{dd}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.25	0.5	0.0	38.7	−26.9	23.1	35.5	139.3	0.248	0.359	0.154	49.7	−49.8	35.5	61.2	144.4	28.3	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
199	Y68G_050_037$_{dd}$	0.25	0.5	0.125	0.5	0.375	0.312	131	0.243	0.5	0.124	42.3	−21.6	16.0	26.9	143.4	0.285	0.392	0.247	49.9	−49.9	36.2	61.7	144.0	35.6	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
200	G00B_050_025$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.6	−14.8	10.2	18.0	145.5	0.361	0.443	0.35	50.5	−47.0	30.2	55.9	147.2	38.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
201	G25B_050_025$_{dd}$	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.375	46.2	−15.1	8.1	17.2	151.6	0.352	0.443	0.362	50.7	−35.4	12.1	37.4	161.1	21.1	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
202	G50B_050_025$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	46.2	−10.1	−5.4	11.5	208.3	0.352	0.428	0.438	49.0	−26.3	−9.3	27.9	199.5	16.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
203	G65B_062_037$_{dd}$	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.506	0.625	49.1	−8.2	−18.8	20.5	246.4	0.355	0.434	0.534	49.3	−17.7	−27.8	32.9	237.5	13.0	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
204	G75B_075_050$_{dd}$	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.5	0.75	51.6	−7.3	−25.0	26.0	253.6	0.373	0.458	0.603	49.6	−14.4	−42.5	44.9	251.1	19.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
205	G80B_087_062$_{dd}$	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.489	0.875	54.4	−7.3	−31.1	31.9	256.7	0.4	0.492	0.691	48.8	−13.3	−47.8	49.7	254.3	18.7	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
206	G84B_100_075$_{dd}$	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.487	1.0	57.2	−7.2	−37.3	38.0	258.9	0.451	0.525	0.831	50.4	−15.6	−47.7	50.2	251.8	15.0	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
207	Y61G_062_062$_{dd}$	0.25	0.625	0.0	0.625	0.625	0.312	127	0.239	0.625	0.0	43.7	−35.2	27.6	44.7	141.8	0.255	0.416	0.159	54.1	−54.2	38.2	66.3	144.7	24.1	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
208	Y76G_062_050$_{dd}$	0.25	0.625	0.125	0.625	0.5	0.375	136	0.241	0.625	0.125	47.2	−29.5	20.5	35.9	145.1	0.294	0.45	0.276	54.2	−57.0	38.3	68.7	146.1	33.5	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
209	G00B_062_037$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	51.9	−22.3	15.3	27.0	145.5	0.361	0.485	0.351	56.9	−61.6	39.3	73.1	147.4	46.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
210	G15B_062_037$_{dd}$	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.368	51.5	−22.9	14.3	27.0	147.9	0.351	0.484	0.355	57.9	−56.1	30.2	63.8	151.6	37.4	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
211	G34B_062_037$_{dd}$	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.506	51.7	−21.6	8.8	23.3	157.6	0.347	0.488	0.392	60.9	−44.9	14.2	47.1	162.4	25.6	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
212	G50B_062_037$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	51.4	−15.2	−8.2	17.2	208.3	0.348	0.49	0.505	61.1	−35.5	−7.0	36.2	191.1	22.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
213	G61B_075_050$_{dd}$	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.633	0.75	54.4	−13.2	−24.3	27.7	241.3	0.348	0.517	0.647	57.0	−26.0	−26.1	36.9	225.0	13.2	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
214	G69B_087_062$_{dd}$	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.635	0.875	56.8	−11.8	−31.4	33.6	249.2	0.374	0.542	0.731	55.3	−17.8	−43.6	47.1	247.7	13.6	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
215	G75B_100_075$_{dd}$	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.625	1.0	59.4	−11.0	−37.5	39.1	253.6	0.427	0.562	0.859	56.7	−17.2	−43.3	46.6	248.3	8.8	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
216	Y68G_075_075$_{dd}$	0.25	0.75	0.0	0.75	0.75	0.375	131	0.237	0.75	0.0	48.6	−43.2	32.0	53.8	143.4	0.261	0.476	0.176	58.1	−57.2	40.7	70.2	144.5	18.9	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
217	Y81G_075_062$_{dd}$	0.25	0.75	0.125	0.75	0.625	0.437	139	0.239	0.75	0.125	52.6	−37.0	25.6	45.0	145.3	0.303	0.504	0.294	58.0	−59.6	40.9	72.4	145.5	27.8	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
218	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5	0.372	0.543	0.366	58.6	−58.0	38.8	69.8	146.1	33.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
219	G11B_075_050$_{dd}$	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.366	56.8	−30.2	19.5	36.0	147.1	0.363	0.541	0.37	60.7	−54.4	34.6	64.5	147.5	28.7	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
220	G25B_075_050$_{dd}$	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.5	56.6	−30.3	16.3	34.4	151.6	0.351	0.544	0.394	62.4	−49.5	24.5	55.2	153.6	21.6	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
221	G38B_075_050$_{dd}$	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.633	57.3	−27.2	7.7	28.2	164.0	0.348	0.556	0.464	64.9	−41.9	10.3	43.2	166.1	16.8	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
222	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3	0.338	0.549	0.584	64.4	−36.3	−6.4	36.9	190.1	18.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
223	G59B_087_062$_{dd}$	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.76	0.875	59.2	−19.3	−27.2	33.4	234.6	0.324	0.619	0.756	60.9	−30.5	−27.4	41.1	221.9	11.3	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
224	G65B_100_075$_{dd}$	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.762	1.0	62.2	−16.4	−37.7	41.1	246.4	0.366	0.627	0.871	60.9	−21.3	−41.7	46.8	242.9	6.4	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
225	Y73G_087_087$_{dd}$	0.25	0.875	0.0	0.875	0.875	0.437	134	0.233	0.875	0.0	53.5	−51.3	36.3	62.9	144.7	0.269	0.555	0.2	58.8	−59.0	41.5	72.2	144.8	10.7	135	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144.7
226	Y85G_087_075$_{dd}$	0.25	0.875	0.125	0.875	0.75	0.5	141	0.237	0.875	0.125	57.9	−44.5	30.6	54.1	145.4	0.324	0.581	0.32	57.8	−60.6	40.9	73.2	145.9	19.0	142	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145.4
227	G00B_087_062$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	62.6	−37.2	25.5	45.1	145.5	0.385	0.608	0.393	58.5	−58.6	38.6	70.2	146.6	25.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
228	G09B_087_062$_{dd}$	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.364	62.1	−37.8	24.8	45.2	146.7	0.374	0.605	0.394	60.2	−55.4	34.9	65.5	147.7	20.3	159	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146.7
229	G19B_087_062$_{dd}$	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.489	61.8	−38.4	23.3	44.9	148.7	0.361	0.607	0.407	61.1	−52.6	28.9	60.0	151.1	15.2	172	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148.7
230	G30B_087_062$_{dd}$	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.635	61.8	−37.2	18.0	41.3	154.1	0.345	0.623	0.441	63.2	−46.8	18.3	50.2	158.5	9.7	187	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154.1
231	G40B_087_062$_{dd}$	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.76	63.0	−32.0	4.6	32.4	171.6	0.375	1.0	0.875	64.7	−40.3	5.0	40.6	172.9	8.4	200	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171.6
232	G50B_087_062$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	61.7	−25.3	−13.6	28.8	208.3	0.375	1.0	1.0	64.3	−34.5	−11.7	36.4	198.7	9.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
233	G57B_100_075$_{dd}$	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.887	1.0	63.9	−25.1	−30.0	39.2	230.1	0.31	0.74	0.903	61.1	−28.2	−31.3	42.2	227.9	4.4	217	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230.1
234	Y76G_100_100

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			*h*$_{si_Fdd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	*h*$_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
243	R00Y_037_037$_{dd}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.0	27.9	23.7	15.9	28.6	33.8	0.393	0.149	0.067	23.6	24.2	14.6	28.3	31.0	4.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
244	R18Y_037_037$_{dd}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.118	28.0	24.4	9.3	26.1	20.8	0.378	0.145	0.136	23.0	26.0	4.9	26.5	10.7	6.8	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
245	B65R_037_037$_{dd}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.375	0.0	0.256	27.9	26.8	0.8	26.8	1.7	0.372	0.144	0.189	23.6	30.3	−10.4	32.0	340.9	12.5	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
246	B50R_037_037$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.6	26.6	−3.9	26.9	351.5	0.371	0.155	0.226	26.6	33.7	−30.1	45.2	318.2	27.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
247	B38R_050_050$_{dd}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.383	0.0	0.5	28.8	17.1	−16.7	23.9	315.7	0.312	0.176	0.299	29.7	31.6	−41.7	52.4	307.1	28.9	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
248	B30R_062_062$_{dd}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.385	0.0	0.625	29.2	12.1	−26.6	29.3	294.4	0.259	0.164	0.331	33.4	17.0	−45.9	48.9	290.4	20.3	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
249	B25R_075_075$_{dd}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.375	0.0	0.75	31.2	6.0	−35.9	36.4	279.6	0.203	0.152	0.373	35.4	6.6	−49.4	49.8	277.6	14.1	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
250	B20R_087_087$_{dd}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.364	0.0	0.875	35.0	2.4	−43.3	43.4	273.2	0.197	0.165	0.486	36.9	2.3	−49.2	49.2	272.7	6.1	294	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273.2
251	B18R_100_100$_{dd}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7	0.377	0.014	1.0	38.3	0.0	−50.1	50.1	270.0	0.2	291	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269.7
252	R31Y_037_037$_{dd}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.118	0.0	29.6	20.3	20.3	28.7	44.9	0.404	0.177	0.047	25.0	23.9	17.3	29.6	35.9	6.5	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
253	R00Y_037_025$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	33.9	15.8	10.6	19.0	33.8	0.414	0.231	0.197	26.5	27.2	8.4	28.4	17.2	13.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
254	R00Y_037_025$_{dd}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.25	34.0	17.1	2.9	17.3	9.8	0.418	0.236	0.246	27.7	34.1	−10.0	35.5	343.5	22.3	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
255	B50R_037_025$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.4	17.7	−2.6	17.9	351.5	0.412	0.238	0.28	29.2	35.4	−30.6	46.8	319.2	33.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
256	B34R_050_037$_{dd}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.381	0.124	0.5	34.6	9.7	−14.6	17.5	303.7	0.346	0.256	0.348	31.2	31.0	−40.6	51.1	307.4	33.8	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
257	B25R_062_050$_{dd}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.375	0.125	0.625	36.1	4.0	−23.9	24.2	279.6	0.305	0.265	0.409	34.5	19.4	−44.1	48.2	293.7	25.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
258	B19R_075_062$_{dd}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.364	0.125	0.75	39.9	0.3	−31.2	31.2	270.6	0.29	0.287	0.478	36.4	8.4	−47.4	48.2	280.0	18.4	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
259	B15R_087_075$_{dd}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.362	0.125	0.875	43.5	−1.1	−37.3	37.3	268.1	0.313	0.327	0.58	37.3	2.4	−49.6	49.7	272.8	14.2	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
260	B13R_100_087$_{dd}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.358	0.125	1.0	47.1	−2.5	−43.2	43.3	266.6	0.5	0.375	1.0	39.5	−2.4	−49.7	49.7	267.2	9.9	284	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266.6
261	R68Y_037_037$_{dd}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.256	0.0	38.6	3.6	29.1	29.4	82.9	0.41	0.296	0.131	31.8	7.7	26.6	27.7	73.8	8.2	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
262	R50Y_037_025$_{dd}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.25	0.124	37.7	8.3	16.0	18.1	62.6	0.422	0.288	0.205	34.6	5.6	23.3	24.0	76.5	8.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
263	R00Y_037_012$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	39.9	7.9	5.3	9.5	33.8	0.431	0.325	0.3	33.1	10.8	1.4	10.9	7.5	8.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
264	B50R_037_012$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.5	0.432	0.34	0.356	36.2	15.3	−19.0	24.4	308.8	19.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
265	B25R_050_025$_{dd}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.375	0.249	0.5	41.1	2.0	−11.9	12.1	279.6	0.379	0.36	0.433	40.6	16.6	−36.4	40.0	294.5	28.4	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
266	B15R_062_037$_{dd}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.368	0.25	0.625	44.7	−0.5	−18.6	18.6	268.1	0.373	0.371	0.484	40.4	11.5	−43.5	45.0	284.8	28.0	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
267	B11R_075_050$_{dd}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.366	0.25	0.75	48.2	−1.7	−24.6	24.7	265.9	0.386	0.4	0.554	40.2	2.5	−47.5	47.6	273.0	24.6	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
268	B09R_087_062$_{dd}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.364	0.25	0.875	51.4	−2.3	−30.7	30.8	265.5	0.408	0.44	0.643	40.6	−2.0	−49.1	49.1	267.5	21.3	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
269	B07R_100_075$_{dd}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.362	0.25	1.0	54.7	−3.0	−36.8	36.9	265.3	0.445	0.479	0.747	41.7	−5.3	−49.7	50.0	263.8	18.4	278	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265.3
270	Y00G_037_037$_{dd}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.375	0.0	44.6	−6.5	35.7	36.3	100.4	0.418	0.382	0.152	43.3	−11.0	40.7	42.2	105.1	6.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
271	Y00G_037_025$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.1	−4.3	23.8	24.2	100.4	0.432	0.388	0.232	43.5	−10.5	38.3	39.7	105.3	15.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
272	Y00G_037_012$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.5	−2.1	11.9	12.1	100.4	0.44	0.406	0.325	41.6	−6.5	16.9	18.1	111.2	7.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
273	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
274	B00R_050_012$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	49.2	−0.6	−6.1	6.1	264.0	0.444	0.44	0.47	46.2	−1.0	−20.7	20.8	267.0	14.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
275	B00R_062_025$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	52.4	−1.2	−12.2	12.3	264.0	0.467	0.482	0.551	47.7	−0.4	−36.9	37.0	269.2	25.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
276	B00R_075_037$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	55.6	−1.9	−18.3	18.4	264.0	0.484	0.5	0.607	46.6	−3.8	−45.3	45.4	265.1	28.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
277	B00R_087_050$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	58.9	−2.5	−24.5	24.6	264.0	0.503	0.523	0.685	45.7	−5.8	−46.9	47.3	262.8	26.2	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
278	B00R_100_062$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	62.1	−3.1	−30.6	30.8	264.0	0.544	0.56	0.818	45.8	−9.1	−48.3	49.1	259.2	24.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
279	Y23G_050_050$_{dd}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.383	0.5	0.0	45.7	−18.3	33.6	38.3	118.6	0.358	0.409	0.161	53.4	−34.8	43.5	55.7	128.6	20.6	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
280	Y31G_050_037$_{dd}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.381	0.5	0.124	46.4	−15.9	22.2	27.3	125.6	0.369	0.422	0.256	54.6	−34.1	45.0	56.5	127.1	30.3	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
281	Y50G_050_025$_{dd}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.375	0.5	0.249	47.4	−13.4	11.5	17.7	139.3	0.379	0.446	0.347	55.3	−30.6	34.5	46.1	131.6	29.7	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
282	G00B_050_012$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.3	−7.4	5.1	9.0	145.5	0.444	0.476	0.424	54.2	−21.6	13.2	25.4	148.4	16.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
283	G50B_050_012$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.1	−5.0	−2.7	5.7	208.3	0.442	0.479	0.479	52.8	−13.7	−5.3	14.7	201.1	9.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
284	G75B_062_025$_{dd}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.5	0.625	53.8	−3.6	−12.5	13.0	253.6	0.464	0.501	0.567	54.1	−10.1	−22.6	24.8	245.9	12.0	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
285	G84B_075_037$_{dd}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.493	0.75	56.6	−3.6	−18.6	19.0	258.9	0.476	0.51	0.617	54.7	−9.1	−37.7	38.8	256.4	19.9	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
286	G88B_087_050$_{dd}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.491	0.875	59.5	−3.6	−24.8	25.0	261.6	0.498	0.532	0.696	53.2	−10.0	−43.2	44.3	256.8	20.4	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
287	G90B_100_062$_{dd}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.489	1.0	62.5	−3.9	−30.8	31.1	262.7	0.544	0.566	0.829	52.5	−11.7	−44.4	46.0	255.1	18.6	260	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262.7
288	Y38G_062_062$_{dd}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.385	0.625	0.0	47.7	−29.0	33.4	44.3	131.0	0.324	0.442	0.167	57.8	−48.1	43.8	65.0	137.6	23.8	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
289	Y50G_062_050$_{dd}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.375	0.625	0.125	48.8	−26.9	23.1	35.5	139.3	0.327	0.457	0.273	60.6	−47.9	46.7	66.9	135.7	33.7	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
290	Y68G_062_037$_{dd}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.368	0.625	0.25	52.3	−21.6	16.0	26.9	143.4	0.37	0.486	0.349	61.7	−50.9	44.1	67.4	139.0	41.7	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
291	G00B_062_025$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	−14.8	10.2	18.0	145.5	0.451	0.538	0.445	63.4	−42.1	29.7	51.5	144.7	34.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
292	G25B_062_025$_{dd}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.5	56.3	−15.1	8.1	17.2	151.6	0.439	0.536	0.455	64.6	−30.9	12.4	33.3	158.0	18.3	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
293	G50B_062_025$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	56.3	−10.1	−5.4	11.5	208.3	0.444	0.533	0.546	63.5	−24.0	−4.3	24.4	190.2	15.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
294	G65B_075_037$_{dd}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.631	0.75	59.1	−8.2	−18.8	20.5	246.4	0.457	0.545	0.654	61.0	−15.4	−25.9	30.1	239.2	10.2	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
295	G75B_087_050$_{dd}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.625	0.875	61.6	−7.3	−25.0	26.0	253.6	0.481	0.568	0.727	62.6	−16.0	−38.0	41.2	247.1	15.7	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
296	G80B_100_062$_{dd}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.614	1.0	64.5	−7.3	−31.1	31.9	256.7	0.528	0.59	0.847	61.4	−15.5	−39.1	42.1	248.3	11.8	247	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256.7
297	Y50G_075_075$_{dd}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.375	0.75	0.0	50.2	−40.4	34.6	53.2	139.3	0.292	0.483	0.173	59.4	−55.3	42.8	70.0	142.2	19.3	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
298	Y61G_075_062$_{dd}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.364	0.75	0.125	53.8	−35.2	27.6	44.7	141.8	0.328	0.51	0.289	61.2	−54.9	44.6	70.8	140.9	27.1	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
299	Y76G_075_050$_{dd}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.366	0.75	0.25	57.3	−29.5	20.5	35.9	145.1	0.375	0.543	0.365	62.8	−52.4	40.1	66.0	142.5	30.6	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
300	G00B_075_037$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.0	−22.3	15.3	27.0	145.5	0.45	0.588	0.455	65.2	−47.6	33.3	58.1	145.0	31.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
301	G15B_075_037$_{dd}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.493	61.6	−22.9	14.3	27.0	147.9	0.438	0.585	0.458	68.5	−40.6	23.4	46.9	150.0	21.1	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
302	G34B_075_037$_{dd}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.631	61.7	−21.6	8.8	23.3	157.6	0.426	0.588	0.498	71.1	−33.7	9.9	35.2	163.6	15.3	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
303	G50B_075_037$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.5	−15.2	−8.2	17.2	208.3	0.433	0.584	0.614	70.0	−28.9	−6.1	29.6	191.9	16.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
304	G61B_087_050$_{dd}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.758	0.875	64.4	−13.2	−24.3	27.7	241.3	0.445	0.629	0.767	68.2	−23.9	−25.5	35.0	226.7	11.4	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
305	G69B_100_062$_{dd}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.76	1.0	66.9	−11.8	−31.4	33.6	249.2	0.494	0.621	0.858	67.7	−19.0	−34.7	39.6	241.3	7.9	232	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249.2
306	Y58G_087_087$_{dd}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.364	0.875	0.0	55.2	−48.7	39.2	62.5	141.1	0.305	0.566	0.183	61.1	−55.4	45.1	71.4	140.8	10.7	125	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141.1
307	Y68G_087_075$_{dd}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.362	0.875	0.125	58.7	−43.2	32.0	53.8	143.4	0.343	0.583	0.313	61.3	−54.9	44.8	70.9	140.7	17.5	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
308	Y81G_087_062$_{dd}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.364	0.875	0.25	62.6	−37.0	25.6	45.0	145.3	0.387	0.608	0.393	63.4	−51.1	40.8	65.4	141.4	20.7	140	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145.3
309	G00B_087_050$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	67.3	−29.7	20.4	36.1	145.5	0.455	0.659	0.472	64.9	−48.0	35.2	59.5	143.7	23.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
310	G11B_087_050$_{dd}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.491	66.9	−30.2	19.5	36.0	147.1	0.441	0.655	0.475	67.5	−43.1	28.4	51.6	146.5	15.6	162	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147.1
311	G25B_087_050$_{dd}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.625	66.6	−30.3	16.3	34.4	151.6	0.419	0.656	0.498	69.9	−37.6	19.8	42.5	152.2	8.6	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
312	G38B_087_050$_{dd}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.758	67.4	−27.2	7.7	28.2	164.0	0.42	0.672	0.577	71.5	−32.3	6.0	32.8	169.3	6.8	197	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164.0
313	G50B_087_050$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	66.6	−20.2	−10.9	23.0	208.3	0.421	0.671	0.708	70.4	−28.7	−8.6	30.0	196.6	9.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
314	G59B_100_062$_{dd}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.885	1.0	69.2	−19.3	−27.2	33.4	234.6	0.432	0.715	0.872	68.2	−22.6	−27.1	35.3	230.1	3.4	219	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234.6
315

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
324	R00Y_050_050$_{dd}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.0	31.9	31.6	21.2	38.1	33.8	0.487	0.158	0.087	29.2	33.7	22.6	40.6	33.8	3.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
325	R26Y_050_050$_{dd}$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.116	32.0	32.1	15.4	35.6	25.6	0.482	0.157	0.145	29.4	34.1	16.7	38.0	26.0	3.5	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
326	R00Y_050_050$_{dd}$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.25	32.0	34.2	5.9	34.7	9.8	0.493	0.159	0.211	28.3	38.6	−2.1	38.7	356.8	9.9	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
327	B61R_050_050$_{dd}$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.5	0.0	0.383	32.0	36.4	−1.3	36.4	357.9	0.501	0.158	0.262	30.4	42.8	−17.9	46.4	337.2	17.9	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
328	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.49	0.17	0.292	31.7	42.7	−31.0	52.8	324.0	26.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
329	B40R_062_062$_{dd}$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.51	0.0	0.625	33.2	25.5	−18.9	31.7	323.4	0.396	0.197	0.354	32.9	35.2	−38.1	51.9	312.7	21.5	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
330	B34R_075_075$_{dd}$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.512	0.0	0.75	33.3	19.5	−29.2	35.1	303.7	0.34	0.189	0.401	35.4	23.5	−42.2	48.3	299.1	13.7	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
331	B29R_087_087$_{dd}$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.51	0.0	0.875	34.3	14.3	−38.9	41.4	290.1	0.297	0.173	0.462	36.6	12.2	−46.0	47.6	284.9	7.7	305	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290.1
332	B25R_100_100$_{dd}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.0	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
333	R23Y_050_050$_{dd}$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.116	0.0	32.7	30.0	24.7	38.9	39.4	0.497	0.176	0.061	30.4	36.7	26.6	45.4	35.9	7.3	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
334	R00Y_050_037$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.9	23.7	15.9	28.6	33.8	0.516	0.251	0.207	31.1	38.1	16.2	41.4	23.0	15.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
335	R18Y_050_037$_{dd}$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.243	38.0	24.4	9.3	26.1	20.8	0.516	0.251	0.246	29.8	40.6	−2.3	40.6	356.7	21.5	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
336	B65R_050_037$_{dd}$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.5	0.124	0.381	38.0	26.8	0.8	26.8	1.7	0.504	0.249	0.294	32.0	45.2	−18.0	48.7	338.2	27.0	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
337	B50R_050_037$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.7	26.6	−3.9	26.9	351.5	0.494	0.261	0.329	33.0	44.5	−31.3	54.5	324.8	33.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
338	B38R_062_050$_{dd}$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.508	0.125	0.625	38.9	17.1	−16.7	23.9	315.7	0.42	0.285	0.408	34.4	34.5	−37.6	51.0	312.5	27.5	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
339	B30R_075_062$_{dd}$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.51	0.125	0.75	39.2	12.1	−26.6	29.3	294.4	0.367	0.271	0.449	36.4	23.5	−41.6	47.8	299.5	19.0	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
340	B25R_087_075$_{dd}$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.5	0.125	0.875	41.3	6.0	−35.9	36.4	279.6	0.329	0.279	0.522	37.4	15.1	−44.2	46.7	288.9	12.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
341	B20R_100_087$_{dd}$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.489	0.125	1.0	45.0	2.4	−43.3	43.4	273.2	0.408	0.342	0.727	37.8	7.0	−47.4	47.9	278.4	9.4	294	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273.2
342	R50Y_050_050$_{dd}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.25	0.0	39.6	16.6	32.1	36.2	62.6	0.507	0.279	0.126	34.7	21.2	31.0	37.5	55.5	6.8	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
343	R31Y_050_037$_{dd}$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.243	0.124	39.7	20.3	20.3	28.7	44.9	0.519	0.275	0.197	37.6	19.7	29.1	35.1	55.8	9.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
344	R00Y_050_025$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	15.8	10.6	19.0	33.8	0.525	0.332	0.295	37.8	22.6	7.5	23.9	18.4	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
345	R00Y_050_025$_{dd}$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.375	44.0	17.1	2.9	17.3	9.8	0.519	0.338	0.346	38.6	33.3	−11.9	35.3	340.2	22.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
346	B50R_050_025$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.5	17.7	−2.6	17.9	351.5	0.518	0.346	0.387	38.6	37.8	−30.9	48.9	320.7	35.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
347	B34R_062_037$_{dd}$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.506	0.25	0.625	44.7	9.7	−14.6	17.5	303.7	0.445	0.36	0.462	39.1	27.9	−37.6	46.8	306.6	29.8	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
348	B25R_075_050$_{dd}$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.5	0.25	0.75	46.2	4.0	−23.9	24.2	279.6	0.402	0.365	0.521	39.6	18.1	−41.6	45.4	293.5	23.5	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
349	B19R_087_062$_{dd}$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.489	0.25	0.875	49.9	0.3	−31.2	31.2	270.6	0.409	0.412	0.618	40.9	10.1	−43.9	45.0	283.0	18.3	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
350	B15R_100_075$_{dd}$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.487	0.25	1.0	53.5	−1.1	−37.3	37.3	268.1	0.448	0.46	0.749	41.7	3.5	−46.1	46.2	274.3	15.4	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
351	R76Y_050_050$_{dd}$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.383	0.0	49.0	−0.1	41.7	41.7	90.2	0.513	0.408	0.154	44.4	2.2	41.7	41.7	86.9	5.2	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
352	R68Y_050_037$_{dd}$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.381	0.124	48.6	3.6	29.1	29.4	82.9	0.525	0.395	0.226	45.8	2.2	42.5	42.5	86.9	13.7	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
353	R50Y_050_025$_{dd}$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.375	0.249	47.8	8.3	16.0	18.1	62.6	0.533	0.383	0.298	46.6	3.9	21.6	22.0	79.7	7.2	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
354	R00Y_050_012$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.0	7.9	5.3	9.5	33.8	0.537	0.421	0.396	45.5	10.1	1.4	10.2	8.1	6.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
355	B50R_050_012$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.3	8.8	−1.3	8.9	351.5	0.53	0.431	0.447	48.1	15.6	−17.2	23.2	312.1	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
356	B25R_062_025$_{dd}$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.5	0.375	0.625	51.1	2.0	−11.9	12.1	279.6	0.477	0.462	0.535	49.2	15.1	−33.5	36.8	294.3	25.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
357	B15R_075_037$_{dd}$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.493	0.375	0.75	54.8	−0.5	−18.6	18.6	268.1	0.484	0.489	0.602	46.6	9.7	−39.8	41.0	283.8	24.9	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
358	B11R_087_050$_{dd}$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.491	0.375	0.875	58.3	−1.7	−24.6	24.7	265.9	0.504	0.515	0.678	46.5	3.0	−42.6	42.7	274.1	22.0	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
359	B09R_100_062$_{dd}$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.489	0.375	1.0	61.5	−2.3	−30.7	30.8	265.5	0.544	0.553	0.811	47.2	−1.7	−44.0	44.0	267.7	19.5	279	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265.5
360	Y00G_050_050$_{dd}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.5	0.0	54.3	−8.7	47.6	48.4	100.4	0.508	0.473	0.165	55.9	−13.2	54.7	56.3	103.6	8.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
361	Y00G_050_037$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.7	−6.5	35.7	36.3	100.4	0.527	0.478	0.259	56.8	−13.3	55.8	57.4	103.4	21.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
362	Y00G_050_025$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.2	−4.3	23.8	24.2	100.4	0.537	0.491	0.336	55.8	−12.3	40.4	42.3	106.9	18.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
363	Y00G_050_012$_{dd}$	0.5	0.5	0.375	0.5	0.25	0.437	90	0.5	0.5	0.375	55.6	−2.1	11.9	12.1	100.4	0.545	0.51	0.425	54.0	−7.5	16.8	18.5	114.0	7.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
364	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
365	B00R_062_012$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	59.3	−0.6	−6.1	6.1	264.0	0.547	0.542	0.575	56.8	−0.8	−20.3	20.3	267.6	14.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
366	B00R_075_025$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.5	−1.2	−12.2	12.3	264.0	0.561	0.575	0.653	58.0	−0.7	−34.3	34.3	268.7	22.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
367	B00R_087_037$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	65.7	−1.9	−18.3	18.4	264.0	0.573	0.6	0.726	55.5	−4.5	−38.8	39.1	263.3	23.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
368	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.624	0.625	0.835	54.2	−8.5	−41.5	42.4	258.4	23.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
369	Y18G_062_062$_{dd}$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.51	0.625	0.0	55.5	−20.5	45.8	50.2	114.1	0.45	0.498	0.174	64.0	−34.0	55.4	65.0	121.5	18.5	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
370	Y23G_062_050$_{dd}$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.508	0.625	0.125	55.8	−18.3	33.6	38.3	118.6	0.458	0.508	0.28	65.3	−34.0	56.6	66.0	121.0	29.4	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
371	Y31G_062_037$_{dd}$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.506	0.625	0.25	56.5	−15.9	22.2	27.3	125.6	0.47	0.525	0.357	65.8	−34.5	52.6	62.9	123.2	36.8	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
372	Y50G_062_025$_{dd}$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.5	0.625	0.375	57.5	−13.4	11.5	17.7	139.3	0.475	0.545	0.446	66.8	−28.7	31.8	42.9	132.0	27.1	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
373	G00B_062_012$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	5.1	9.0	145.5	0.538	0.573	0.527	67.1	−19.8	14.2	24.4	144.4	16.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
374	G50B_062_012$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.2	−5.0	−2.7	5.7	208.3	0.538	0.569	0.575	65.5	−13.2	−3.0	13.5	192.8	9.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
375	G75B_075_025$_{dd}$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.625	0.75	63.9	−3.6	−12.5	13.0	253.6	0.555	0.593	0.671	66.2	−10.2	−21.3	23.6	244.4	11.2	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
376	G84B_087_037$_{dd}$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.618	0.875	66.7	−3.6	−18.6	19.0	258.9	0.566	0.613	0.736	67.6	−12.0	−32.3	34.5	249.6	16.0	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
377	G88B_100_050$_{dd}$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.616	1.0	69.5	−3.6	−24.8	25.0	261.6	0.623	0.634	0.845	64.7	−13.8	−35.4	38.0	248.6	15.5	257	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261.6
378	Y31G_075_075$_{dd}$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.512	0.75	0.0	56.9	−31.9	44.5	54.7	125.6	0.408	0.53	0.172	65.1	−45.3	52.2	69.2	130.9	17.5	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
379	Y38G_075_062$_{dd}$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.51	0.75	0.125	57.8	−29.0	33.4	44.3	131.0	0.417	0.541	0.29	66.8	−45.7	53.8	70.6	130.3	27.8	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
380	Y50G_075_050$_{dd}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.5	0.75	0.25	58.9	−26.9	23.1	35.5	139.3	0.417	0.557	0.367	68.2	−44.6	49.3	66.5	132.1	33.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
381	Y68G_075_037$_{dd}$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.493	0.75	0.375	62.4	−21.6	16.0	26.9	143.4	0.462	0.59	0.454	70.0	−40.8	37.0	55.1	137.7	29.5	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
382	G00B_075_025$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.7	−14.8	10.2	18.0	145.5	0.535	0.628	0.54	73.0	−35.0	25.7	43.4	143.6	26.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
383	G25B_075_025$_{dd}$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.625	66.4	−15.1	8.1	17.2	151.6	0.523	0.624	0.549	75.1	−26.4	12.5	29.3	154.5	14.9	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
384	G50B_075_025$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.4	−10.1	−5.4	11.5	208.3	0.536	0.635	0.655	74.7	−21.4	−3.6	21.7	189.7	14.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
385	G65B_087_037$_{dd}$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.756	0.875	69.2	−8.2	−18.8	20.5	246.4	0.554	0.647	0.774	74.1	−17.6	−23.6	29.4	233.3	11.6	228	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246.4
386	G75B_100_050$_{dd}$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.75	1.0	71.7	−7.3	−25.0	26.0	253.6	0.606	0.665	0.864	72.7	−15.9	−29.2	33.2	241.3	9.6	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
387	Y41G_087_087$_{dd}$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.51	0.875	0.0	59.2	−42.6	45.1	62.0	133.4	0.384	0.584	0.167	63.2	−51.8	48.2	70.8	137.0	10.5	114	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133.4
388	Y50G_087_075$_{dd}$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.5	0.875	0.125	60.3	−40.4	34.6	53.2	139.3	0.382	0.587	0.303	64.3	−50.2	48.8	70.1	135.8	17.7	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
389	Y61G_087_062$_{dd}$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.489	0.875	0.25	63.9	−35.2	27.6	44.7	141.8	0.418	0.615	0.388	65.9	−47.5	43.3	64.3	137.6	20.0	127	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141.8
390	Y76G_087_050$_{dd}$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.491	0.875	0.375	67.4	−29.5	20.5	35.9	145.1	0.458	0.658	0.471	68.0	−43.3	35.6	56.1	140.5	20.4	137	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145.1
391	G00B_087_037$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	72.1	−22.3	15.3	27.0	145.5	0.539	0.705	0.566	71.0	−38.0	28.0	47.2	143.6	20.2	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
392	G15B_087_037$_{dd}$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.618	71.6	−22.9	14.3	27.0	147.9	0.527	0.702	0.568	73.2	−33.7	19.5	38.9	149.9	12.0	168	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147.9
393	G34B_087_037$_{dd}$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.756	71.8	−21.6	8.8	23.3	157.6	0.514	0.705	0.612	74.7	−29.1	6.9	29.9	166.5	8.3	191	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157.6
394	G50B_087_037$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.5	−15.2	−8.2	17.2	208.3	0.527	0.695	0.732	74.7	−23.9	−8.5	25.4	199.5	9.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
395	G61B_100_050$_{dd}$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.883	1.0	74.5	−13.2	−24.3	27.7	241.3	0.56	0.722	0.887	75.7	−17.0	−22.4	28.1	232.7	4.3	222	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241.3
396

n	**HIC*$_{Fdd}$**	***rgb*$_{Fdd}$**			***ict*$_{Fdd}$**			***h*$_{si_Fdd}$**	***rgb**$_{Fdd}$**			***LabCh**$_{Fdd}$**					***rgb'**$_{Fdd}$**			***LabCh'**$_{Fdd}$**					***DE'**$_{Fdd}$*	***h*$_{siM,dd}$**	***rgb**$_{Mdd}$**			***LabCh**$_{Mdd}$**				
405	R00Y_062_062$_{dd}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.0	36.0	39.5	26.5	47.6	33.8	0.594	0.176	0.116	33.8	41.5	27.2	49.6	33.2	2.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
406	R31Y_062_062$_{dd}$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.114	36.1	39.9	21.3	45.2	28.0	0.596	0.179	0.163	33.9	41.8	23.7	48.1	29.5	3.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
407	R11Y_062_062$_{dd}$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.239	36.2	41.1	12.4	43.0	16.8	0.601	0.179	0.231	33.6	43.8	9.2	44.8	11.8	4.9	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
408	B69R_062_062$_{dd}$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.625	0.0	0.385	36.1	43.8	3.7	44.0	4.8	0.601	0.173	0.289	33.9	49.8	−8.2	50.5	350.6	13.5	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
409	B59R_062_062$_{dd}$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.625	0.0	0.51	36.2	45.9	−3.0	46.0	356.1	0.596	0.172	0.334	35.2	50.1	−21.2	54.4	337.0	18.6	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
410	B50R_062_062$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.2	44.4	−6.5	44.9	351.5	0.583	0.201	0.361	34.8	48.7	−29.3	56.8	328.9	23.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
411	B42R_075_075$_{dd}$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.5	0.483	0.233	0.422	36.6	38.7	−34.7	52.0	318.0	14.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
412	B36R_087_087$_{dd}$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.641	0.0	0.875	37.7	26.8	−31.0	41.0	310.8	0.425	0.226	0.473	37.9	27.4	−38.8	47.5	305.2	7.7	315	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310.8
413	B31R_100_100$_{dd}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6	0.516	0.146	0.797	37.3	20.1	−42.2	46.7	295.4	1.0	308	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296.6
414	R18Y_062_062$_{dd}$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.114	0.0	36.7	38.1	29.4	48.2	37.6	0.596	0.199	0.098	35.5	45.3	33.1	56.2	36.1	8.1	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
415	R00Y_062_050$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.0	31.6	21.2	38.1	33.8	0.607	0.282	0.225	35.1	44.0	22.7	49.5	27.2	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
416	R26Y_062_050$_{dd}$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.241	42.1	32.1	15.4	35.6	25.6	0.606	0.282	0.261	34.6	45.9	8.4	46.6	10.4	17.1	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
417	R00Y_062_050$_{dd}$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.375	42.1	34.2	5.9	34.7	9.8	0.6	0.284	0.321	35.6	52.5	−9.0	53.3	350.2	24.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
418	B61R_062_050$_{dd}$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.625	0.125	0.508	42.1	36.4	−1.3	36.4	357.9	0.598	0.285	0.367	37.2	53.4	−22.1	57.8	337.5	27.3	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
419	B50R_062_050$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.0	35.5	−5.2	35.9	351.5	0.593	0.296	0.398	36.8	46.8	−29.7	55.5	327.6	27.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
420	B40R_075_062$_{dd}$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.635	0.125	0.75	43.3	25.5	−18.9	31.7	323.4	0.506	0.316	0.47	38.1	37.2	−34.2	50.5	317.4	19.9	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
421	B34R_087_075$_{dd}$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.637	0.125	0.875	43.4	19.5	−29.2	35.1	303.7	0.459	0.311	0.537	38.7	27.8	−38.0	47.1	306.2	12.9	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
422	B29R_100_087$_{dd}$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.635	0.125	1.0	44.4	14.3	−38.9	41.4	290.1	0.625	0.25	1.0	38.5	20.1	−41.2	45.8	296.0	8.5	305	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290.1
423	R38Y_062_062$_{dd}$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.239	0.0	40.7	30.2	36.1	47.1	50.0	0.594	0.278	0.117	38.2	36.4	35.7	51.0	44.4	6.6	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
424	R23Y_062_050$_{dd}$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.241	0.125	42.8	30.0	24.7	38.9	39.4	0.61	0.293	0.21	39.1	39.8	34.6	52.8	40.9	14.4	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
425	R00Y_062_037$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.0	23.7	15.9	28.6	33.8	0.624	0.347	0.297	39.7	39.6	15.5	42.5	21.4	17.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
426	R18Y_062_037$_{dd}$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.368	48.1	24.4	9.3	26.1	20.8	0.621	0.35	0.341	39.6	46.5	−4.1	46.7	354.9	27.2	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
427	B65R_062_037$_{dd}$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.625	0.25	0.506	48.1	26.8	0.8	26.8	1.7	0.617	0.351	0.398	40.4	53.0	−21.8	57.3	337.6	35.5	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
428	B50R_062_037$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.8	26.6	−3.9	26.9	351.5	0.609	0.36	0.433	40.2	42.7	−30.6	52.6	324.3	32.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
429	B38R_075_050$_{dd}$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.633	0.25	0.75	49.0	17.1	−16.7	23.9	315.7	0.526	0.386	0.515	41.0	32.2	−34.7	47.3	312.8	24.7	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
430	B30R_087_062$_{dd}$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.635	0.25	0.875	49.3	12.1	−26.6	29.3	294.4	0.489	0.39	0.581	41.6	23.1	−38.2	44.7	301.2	17.7	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
431	B25R_100_075$_{dd}$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.625	0.25	1.0	51.4	6.0	−35.9	36.4	279.6	0.501	0.413	0.749	42.9	15.5	−40.2	43.1	291.0	13.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
432	R61Y_062_062$_{dd}$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.385	0.0	50.8	10.9	45.4	46.7	76.4	0.605	0.401	0.146	47.6	15.5	46.4	48.9	71.5	5.6	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
433	R50Y_062_050$_{dd}$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.375	0.125	49.7	16.6	32.1	36.2	62.6	0.618	0.372	0.208	49.2	16.7	47.4	50.3	70.5	15.2	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
434	R31Y_062_037$_{dd}$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.368	0.25	49.7	20.3	20.3	28.7	44.9	0.63	0.364	0.28	50.7	16.1	25.3	30.0	57.4	6.6	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
435	R00Y_062_025$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	15.8	10.6	19.0	33.8	0.635	0.426	0.387	50.3	20.8	6.1	21.7	16.4	7.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
436	R00Y_062_025$_{dd}$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.5	54.1	17.1	2.9	17.3	9.8	0.626	0.434	0.442	50.9	29.6	−11.7	31.9	338.4	19.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
437	B50R_062_025$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.6	17.7	−2.6	17.9	351.5	0.624	0.446	0.487	49.3	31.9	−28.5	42.8	318.2	30.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
438	B34R_075_037$_{dd}$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.631	0.375	0.75	54.8	9.7	−14.6	17.5	303.7	0.558	0.471	0.575	47.8	22.9	−33.5	40.6	304.3	24.0	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
439	B25R_087_050$_{dd}$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.625	0.375	0.875	56.3	4.0	−23.9	24.2	279.6	0.524	0.484	0.649	47.2	16.1	−36.9	40.3	293.5	19.9	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
440	B19R_100_062$_{dd}$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.614	0.375	1.0	60.0	0.3	−31.2	31.2	270.6	0.551	0.533	0.793	48.2	9.0	−38.7	39.8	283.1	16.4	292	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270.6
441	R81Y_062_062$_{dd}$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.51	0.0	59.2	−3.1	54.3	54.4	93.3	0.613	0.505	0.158	58.0	−1.7	57.8	57.8	91.7	3.9	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
442	R76Y_062_050$_{dd}$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.508	0.125	59.1	−0.1	41.7	41.7	90.2	0.626	0.497	0.248	59.0	−2.0	58.6	58.6	92.0	16.9	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
443	R68Y_062_037$_{dd}$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.506	0.25	58.7	3.6	29.1	29.4	82.9	0.633	0.491	0.319	59.3	−1.0	41.8	41.8	91.4	13.4	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
444	R50Y_062_025$_{dd}$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.5	0.375	57.9	8.3	16.0	18.1	62.6	0.638	0.481	0.391	59.0	3.2	20.0	20.3	80.9	6.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
445	R00Y_062_012$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.9	5.3	9.5	33.8	0.645	0.526	0.5	57.3	9.6	0.5	9.7	3.4	5.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
446	B50R_062_012$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.3	8.8	−1.3	8.9	351.5	0.635	0.529	0.547	60.1	14.2	−16.0	21.4	311.7	15.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
447	B25R_075_025$_{dd}$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.625	0.5	0.75	61.2	2.0	−11.9	12.1	279.6	0.572	0.555	0.632	58.7	11.9	−29.5	31.8	292.0	20.3	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
448	B15R_087_037$_{dd}$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.618	0.5	0.875	64.9	−0.5	−18.6	18.6	268.1	0.577	0.59	0.72	56.3	6.7	−33.4	34.0	281.4	18.5	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
449	B11R_100_050$_{dd}$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.616	0.5	1.0	68.4	−1.7	−24.6	24.7	265.9	0.625	0.619	0.831	55.0	1.9	−36.3	36.4	273.1	18.1	282	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265.9
450	Y00G_062_062$_{dd}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.625	0.0	63.9	−10.9	59.5	60.5	100.4	0.606	0.565	0.162	69.5	−15.5	69.9	71.6	102.5	12.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
451	Y00G_062_050$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.3	−8.7	47.6	48.4	100.4	0.618	0.569	0.276	69.4	−15.3	69.4	71.1	102.4	23.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
452	Y00G_062_037$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.8	−6.5	35.7	36.3	100.4	0.624	0.572	0.347	68.7	−14.9	61.0	62.8	103.7	26.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
453	Y00G_062_025$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−4.3	23.8	24.2	100.4	0.631	0.585	0.432	68.9	−12.4	38.0	40.0	108.1	16.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
454	Y00G_062_012$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−2.1	11.9	12.1	100.4	0.64	0.609	0.532	67.2	−7.3	18.1	19.5	112.0	8.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
455	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
456	B00R_075_012$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	69.3	−0.6	−6.1	6.1	264.0	0.649	0.651	0.695	69.4	0.8	−17.3	17.4	272.8	11.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
457	B00R_087_025$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	72.6	−1.2	−12.2	12.3	264.0	0.668	0.68	0.775	68.5	−3.9	−28.1	28.3	261.9	16.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
458	B00R_100_037$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	75.8	−1.9	−18.3	18.4	264.0	0.699	0.704	0.855	66.3	−7.2	−31.3	32.1	257.0	16.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
459	Y15G_075_075$_{dd}$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.637	0.75	0.0	65.3	−22.3	57.9	62.1	111.1	0.556	0.6	0.179	73.1	−32.4	65.2	72.8	116.4	14.6	97	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111.1
460	Y18G_075_062$_{dd}$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.635	0.75	0.125	65.6	−20.5	45.8	50.2	114.1	0.559	0.602	0.296	74.6	−32.3	66.6	74.0	115.8	25.5	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
461	Y23G_075_050$_{dd}$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.633	0.75	0.25	65.8	−18.3	33.6	38.3	118.6	0.558	0.603	0.366	76.2	−33.6	65.9	74.0	117.0	37.2	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
462	Y31G_075_037$_{dd}$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.631	0.75	0.375	66.5	−15.9	22.2	27.3	125.6	0.555	0.615	0.452	77.4	−30.3	49.5	58.1	121.4	32.7	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
463	Y50G_075_025$_{dd}$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.625	0.75	0.5	67.5	−13.4	11.5	17.7	139.3	0.561	0.641	0.545	78.5	−24.6	32.2	40.5	127.4	25.9	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
464	G00B_075_012$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.5	−7.4	5.1	9.0	145.5	0.643	0.689	0.648	77.8	−19.0	16.4	25.2	139.2	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
465	G50B_075_012$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−5.0	−2.7	5.7	208.3	0.636	0.677	0.694	76.7	−12.9	−0.7	13.0	183.4	9.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
466	G75B_087_025$_{dd}$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.75	0.875	73.9	−3.6	−12.5	13.0	253.6	0.665	0.698	0.794	79.3	−11.5	−20.4	23.4	240.5	12.3	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
467	G84B_100_037$_{dd}$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.743	1.0	76.8	−3.6	−18.6	19.0	258.9	0.689	0.713	0.861	76.1	−11.8	−24.2	26.9	243.8	9.9	251	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258.9
468	Y26G_087_087$_{dd}$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.641	0.875	0.0	66.2	−34.2	55.8	65.5	121.5	0.514	0.644	0.17	69.4	−43.5	57.0	71.7	127.3	9.8	104	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121.5
469	Y31G_087_075$_{dd}$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.637	0.875	0.125	66.9	−31.9	44.5	54.7	125.6	0.514	0.641	0.305	70.4	−42.3	57.8	71.6	126.1	17.2	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
470	Y38G_087_062$_{dd}$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.635	0.875	0.25	67.9	−29.0	33.4	44.3	131.0	0.517	0.648	0.379	71.7	−40.4	51.7	65.6	127.9	21.8	112	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131.0
471	Y50G_087_050$_{dd}$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.625	0.875	0.375	68.9	−26.9	23.1	35.5	139.3	0.623	0.874	0.623	73.0	−37.5	40.8	55.5	132.6	21.0	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
472	Y68G_087_037$_{dd}$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.618	0.875	0.5	72.5	−21.6	16.0	26.9	143.4	0.552	0.706	0.566	75.4	−33.1	30.9	45.3	136.9	19.0	131	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143.4
473	G00B_087_025$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.8	−14.8	10.2	18.0	145.5	0.639	0.745	0.667	78.1	−27.9	20.8	34.8	143.2	16.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
474	G25B_087_025$_{dd}$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.75	76.4	−15.1	8.1	17.2	151.6	0.623	0.749	0.668	80.5	−23.2	10.3	25.4	156.0	9.3	180	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
475	G50B_087_025$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−10.1	−5.4	11.5	208.3	0.642	0.742	0.775	81.0	−18.2	−4.2	18.7	193.1	9.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
476	G65B_100_037$_{dd}$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.881	1.0	79.3	−8.2	−18.8	20.5	246.4	0.661	0.741	0.869	81.1	−12.7	−18.7	22.7	235.7	4.9	228	0.0	0.683	1.0	50.9	−21.9	−50

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
486	R00Y_075_075$_{dd}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.0	40.0	47.5	31.8	57.2	33.8	0.694	0.222	0.155	39.2	49.5	32.3	59.2	33.1	2.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
487	R35Y_075_075$_{dd}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.112	40.2	47.7	27.1	54.9	29.6	0.695	0.233	0.197	38.6	49.1	28.3	56.7	29.9	2.4	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
488	R18Y_075_075$_{dd}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.237	40.2	48.8	18.6	52.3	20.8	0.7	0.234	0.26	37.7	49.8	18.0	53.0	19.9	2.6	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
489	R00Y_075_075$_{dd}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.375	40.2	51.3	8.9	52.1	9.8	0.701	0.228	0.325	37.3	53.3	2.2	53.3	2.4	7.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
490	B65R_075_075$_{dd}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.75	0.0	0.512	40.2	53.6	1.6	53.6	1.7	0.706	0.221	0.375	38.6	58.6	−11.2	59.6	349.1	13.9	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
491	B57R_075_075$_{dd}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.75	0.0	0.637	40.4	55.3	−4.8	55.6	354.9	0.701	0.22	0.418	39.4	57.6	−21.9	61.7	339.1	17.2	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
492	B50R_075_075$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.5	53.3	−7.8	53.9	351.5	0.681	0.257	0.438	37.9	52.5	−26.4	58.8	333.2	18.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
493	B43R_087_087$_{dd}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.758	0.0	0.875	41.7	41.1	−22.6	46.9	331.1	0.875	0.25	1.0	39.0	41.7	−32.0	52.5	322.4	9.7	322	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331.1
494	B38R_100_100$_{dd}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7	0.741	0.195	0.911	41.4	32.1	−34.2	46.9	313.1	2.4	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
495	R15Y_075_075$_{dd}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.112	0.0	40.7	46.2	34.1	57.4	36.4	0.684	0.25	0.155	40.2	53.4	40.3	66.9	37.0	9.5	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
496	R00Y_075_062$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.0	39.5	26.5	47.6	33.8	0.711	0.305	0.246	39.3	50.9	28.8	58.5	29.4	13.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
497	R31Y_075_062$_{dd}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.239	46.2	39.9	21.3	45.2	28.0	0.709	0.307	0.281	38.6	51.6	16.2	54.1	17.4	14.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
498	R11Y_075_062$_{dd}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.364	46.2	41.1	12.4	43.0	16.8	0.704	0.308	0.338	38.4	56.2	0.0	56.2	0.0	21.0	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
499	B69R_075_062$_{dd}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.75	0.125	0.51	46.2	43.8	3.7	44.0	4.8	0.706	0.307	0.395	39.9	61.2	−13.7	62.7	347.3	25.4	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
500	B59R_075_062$_{dd}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.75	0.125	0.635	46.3	45.9	−3.0	46.0	356.1	0.702	0.308	0.439	39.7	58.7	−22.2	62.8	339.2	23.9	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
501	B50R_075_062$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.3	44.4	−6.5	44.9	351.5	0.695	0.321	0.466	39.4	49.8	−28.0	57.2	330.6	23.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
502	B42R_087_075$_{dd}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.5	0.875	0.375	1.0	40.1	39.3	−32.2	50.8	320.6	14.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
503	B36R_100_087$_{dd}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.766	0.125	1.0	47.8	26.8	−31.0	41.0	310.8	0.574	0.356	0.625	42.1	31.7	−34.0	46.6	312.9	8.0	315	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310.8
504	R31Y_075_075$_{dd}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.237	0.0	43.5	40.7	40.6	57.5	44.9	0.689	0.284	0.131	43.5	49.1	44.4	66.2	42.1	9.1	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
505	R18Y_075_062$_{dd}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.239	0.125	46.8	38.1	29.4	48.2	37.6	0.712	0.313	0.231	42.3	52.9	42.1	67.6	38.5	19.9	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
506	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	41.3	53.8	24.5	59.1	24.5	24.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
507	R26Y_075_050$_{dd}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.366	52.2	32.1	15.4	35.6	25.6	0.719	0.368	0.351	41.7	56.5	6.6	56.9	6.6	28.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
508	R00Y_075_050$_{dd}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.5	52.2	34.2	5.9	34.7	9.8	0.716	0.372	0.414	42.6	64.0	−13.4	65.4	348.1	36.8	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
509	B61R_075_050$_{dd}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.75	0.25	0.633	52.2	36.4	−1.3	36.4	357.9	0.715	0.376	0.464	42.6	56.8	−23.2	61.4	337.7	31.4	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
510	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.712	0.393	0.5	42.1	45.5	−29.3	54.2	327.1	28.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
511	B40R_087_062$_{dd}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.76	0.25	0.875	53.3	25.5	−18.9	31.7	323.4	0.875	0.5	1.0	42.3	35.8	−33.0	48.7	317.2	20.6	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
512	B34R_100_075$_{dd}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.762	0.25	1.0	53.5	19.5	−29.2	35.1	303.7	0.628	0.437	0.719	44.9	27.9	−34.0	44.0	309.4	12.9	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
513	R50Y_075_075$_{dd}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.375	0.0	51.5	24.9	48.2	54.3	62.6	0.698	0.38	0.138	53.1	28.3	52.9	60.0	61.8	5.9	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
514	R38Y_075_062$_{dd}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.364	0.125	50.8	30.2	36.1	47.1	50.0	0.713	0.358	0.21	52.3	31.7	51.7	60.7	58.4	15.7	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
515	R23Y_075_050$_{dd}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.366	0.25	52.9	30.0	24.7	38.9	39.4	0.725	0.373	0.297	53.8	30.8	33.7	45.6	47.5	9.0	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
516	R00Y_075_037$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.1	23.7	15.9	28.6	33.8	0.737	0.443	0.397	53.7	34.6	13.8	37.3	21.8	11.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
517	R18Y_075_037$_{dd}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.493	58.2	24.4	9.3	26.1	20.8	0.733	0.452	0.446	52.3	42.1	−5.0	42.4	353.1	23.5	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
518	B65R_075_037$_{dd}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.75	0.375	0.631	58.2	26.8	0.8	26.8	1.7	0.736	0.459	0.508	51.2	47.3	−21.1	51.8	335.9	30.8	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
519	B50R_075_037$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.9	26.6	−3.9	26.9	351.5	0.732	0.473	0.55	48.2	37.7	−28.3	47.1	323.1	28.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
520	B38R_087_050$_{dd}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.758	0.375	0.875	59.1	17.1	−16.7	23.9	315.7	0.633	0.489	0.622	48.8	25.9	−32.1	41.2	308.8	20.4	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
521	B30R_100_062$_{dd}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.76	0.375	1.0	59.4	12.1	−26.6	29.3	294.4	0.626	0.507	0.729	50.1	20.6	−33.3	39.1	301.8	14.2	307	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294.4
522	R68Y_075_075$_{dd}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.512	0.0	61.4	7.2	58.3	58.8	82.9	0.706	0.504	0.146	62.4	10.4	62.4	63.3	80.4	5.3	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
523	R61Y_075_062$_{dd}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.51	0.125	60.9	10.9	45.4	46.7	76.4	0.717	0.488	0.239	62.2	12.2	61.9	63.1	78.7	16.5	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
524	R50Y_075_050$_{dd}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.5	0.25	59.7	16.6	32.1	36.2	62.6	0.728	0.467	0.309	62.8	12.5	46.7	48.4	74.9	15.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
525	R31Y_075_037$_{dd}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.493	0.375	59.8	20.3	20.3	28.7	44.9	0.742	0.462	0.381	63.0	14.3	24.6	28.5	59.7	8.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
526	R00Y_075_025$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.1	15.8	10.6	19.0	33.8	0.754	0.535	0.503	61.7	19.9	6.2	20.8	17.3	6.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
527	R00Y_075_025$_{dd}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.625	64.2	17.1	2.9	17.3	9.8	0.747	0.551	0.564	60.7	29.2	−11.5	31.4	338.5	19.2	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
528	B50R_075_025$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.6	17.7	−2.6	17.9	351.5	0.749	0.571	0.613	58.7	29.4	−23.7	37.8	321.1	24.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
529	B34R_087_037$_{dd}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.756	0.5	0.875	64.8	9.7	−14.6	17.5	303.7	0.668	0.581	0.701	56.2	20.4	−28.9	35.4	305.2	19.8	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
530	B25R_100_050$_{dd}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.75	0.5	1.0	66.4	4.0	−23.9	24.2	279.6	0.652	0.596	0.813	55.8	12.8	−31.7	34.2	292.0	15.8	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
531	R85Y_075_075$_{dd}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.637	0.0	69.4	−6.3	66.8	67.1	95.3	0.702	0.606	0.164	72.1	−5.1	72.5	72.7	94.0	6.4	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
532	R81Y_075_062$_{dd}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.635	0.125	69.3	−3.1	54.3	54.4	93.3	0.721	0.604	0.285	71.9	−4.8	72.4	72.6	93.8	18.3	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
533	R76Y_075_050$_{dd}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.633	0.25	69.2	−0.1	41.7	41.7	90.2	0.736	0.601	0.355	71.2	−3.8	64.0	64.1	93.4	22.6	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
534	R68Y_075_037$_{dd}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.631	0.375	68.8	3.6	29.1	29.4	82.9	0.749	0.6	0.435	70.7	−1.5	41.3	41.3	92.1	13.3	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
535	R50Y_075_025$_{dd}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.625	0.5	68.0	8.3	16.0	18.1	62.6	0.757	0.595	0.517	69.8	2.5	22.1	22.2	83.3	8.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
536	R00Y_075_012$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.2	7.9	5.3	9.5	33.8	0.767	0.652	0.629	67.3	10.3	1.2	10.4	6.8	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
537	B50R_075_012$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.4	8.8	−1.3	8.9	351.5	0.759	0.655	0.678	69.9	14.3	−15.2	20.9	313.2	14.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
538	B25R_087_025$_{dd}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.75	0.625	0.875	71.3	2.0	−11.9	12.1	279.6	0.674	0.661	0.751	67.5	10.3	−24.0	26.1	293.2	15.1	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
539	B15R_100_037$_{dd}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.743	0.625	1.0	74.9	−0.5	−18.6	18.6	268.1	0.704	0.695	0.853	65.2	4.5	−27.6	28.0	279.2	14.1	288	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268.1
540	Y00G_075_075$_{dd}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.75	0.0	73.5	−13.1	71.4	72.6	100.4	0.706	0.668	0.158	81.2	−17.1	81.9	83.7	101.7	13.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
541	Y00G_075_062$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	74.0	−10.9	59.5	60.5	100.4	0.723	0.674	0.302	80.3	−16.8	81.1	82.9	101.7	23.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
542	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.738	0.679	0.379	79.5	−16.5	77.3	79.1	102.0	31.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
543	Y00G_075_037$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.9	−6.5	35.7	36.3	100.4	0.749	0.692	0.471	79.5	−15.6	57.7	59.7	105.1	24.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
544	Y00G_075_025$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.3	−4.3	23.8	24.2	100.4	0.762	0.715	0.568	78.7	−12.7	38.5	40.5	108.3	17.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
545	Y00G_075_012$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.7	−2.1	11.9	12.1	100.4	0.774	0.747	0.673	76.0	−7.6	19.5	21.0	111.4	9.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
546	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
547	B00R_087_012$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	79.4	−0.6	−6.1	6.1	264.0	0.769	0.764	0.816	82.1	−2.3	−15.9	16.0	261.4	10.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
548	B00R_100_025$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	82.6	−1.2	−12.2	12.3	264.0	0.769	0.768	0.87	78.0	−7.0	−20.9	22.1	251.3	11.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
549	Y13G_087_087$_{dd}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.758	0.875	0.0	74.7	−24.7	69.3	73.5	109.6	0.654	0.717	0.16	81.1	−30.0	75.5	81.3	111.7	10.4	97	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109.6
550	Y15G_087_075$_{dd}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.762	0.875	0.125	75.4	−22.3	57.9	62.1	111.1	0.662	0.714	0.313	81.5	−30.0	75.4	81.2	111.6	20.0	97	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111.1
551	Y18G_087_062$_{dd}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.76	0.875	0.25	75.7	−20.5	45.8	50.2	114.1	0.661	0.714	0.394	82.1	−29.2	70.4	76.2	112.5	26.8	99	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114.1
552	Y23G_087_050$_{dd}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.758	0.875	0.375	75.9	−18.3	33.6	38.3	118.6	0.656	0.718	0.478	83.1	−27.4	57.6	63.8	115.4	26.6	102	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118.6
553	Y31G_087_037$_{dd}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.756	0.875	0.5	76.6	−15.9	22.2	27.3	125.6	0.661	0.736	0.576	83.6	−25.3	43.7	50.5	120.0	24.4	108	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125.6
554	Y50G_087_025$_{dd}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.75	0.875	0.625	77.6	−13.4	11.5	17.7	139.3	0.683	0.781	0.685	84.9	−22.0	29.8	37.1	126.4	21.4	119	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
555	G00B_087_012$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.5	−7.4	5.1	9.0	145.5	0.762	0.813	0.778	87.1	−17.6	17.6	24.9	135.1	17.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
556	G50B_087_012$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.3	−5.0	−2.7	5.7	208.3	0.758	0.793	0.816	87.4	−12.4	−0.4	12.4	181.9	9.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
557	G75B_100_025$_{dd}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.875	1.0	84.0	−3.6	−12.5	13.0	253.6	0.8	0.827	0.975	86.0	−9.0	−13.8	16.5	236.8	5.8	240	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1

n	HIC*Fdd	rgb_Fdd			ict_Fdd			hsi_Fdd	rgb*Fdd			LabCh*Fdd					rgb'*Fdd			LabCh'*Fdd					DE'*Fdd	hsiM,dd	rgb*Mdd			LabCh*Mdd				
567	R00Y_087_087dd	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.0	44.0	55.4	37.2	66.7	33.8	0.875	0.0	0.125	43.4	56.5	39.8	69.1	35.2	2.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
568	R36Y_087_087dd	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.116	44.3	55.5	32.6	64.4	30.4	0.801	0.257	0.213	43.3	55.8	34.5	65.6	31.7	2.1	382	1.0	0.0	0.133	48.4	63.4	37.3	73.6	30.4
569	R23Y_087_087dd	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.233	44.2	56.4	24.9	61.7	23.8	0.875	0.0	0.25	42.8	56.3	25.3	61.7	24.1	1.4	375	1.0	0.0	0.266	48.3	64.5	28.5	70.5	23.8
570	R08Y_087_087dd	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.364	44.3	58.3	15.4	60.4	14.8	0.781	0.25	0.351	43.0	59.0	12.1	60.2	11.6	3.6	365	1.0	0.0	0.416	48.4	66.7	17.6	69.0	14.8
571	B70R_087_087dd	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.51	44.3	61.0	6.7	61.4	6.3	0.802	0.251	0.405	43.3	63.5	0.0	63.5	359.9	7.2	354	1.0	0.0	0.583	48.3	69.7	7.7	70.1	6.3
572	B63R_087_087dd	0.875	0.0	0.625	0.875	0.875	0.437	346	0.875	0.0	0.641	44.2	63.3	−0.7	63.3	359.3	0.803	0.239	0.452	44.3	68.6	−11.5	69.5	350.4	12.0	344	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359.3
573	B56R_087_087dd	0.875	0.0	0.75	0.875	0.875	0.437	338	0.875	0.0	0.758	44.5	64.7	−6.3	65.0	354.3	0.795	0.253	0.486	44.1	67.7	−15.7	69.5	346.9	9.8	337	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354.3
574	B50R_087_087dd	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.8	62.2	−9.2	62.9	351.5	0.792	0.272	0.515	43.6	60.6	−20.1	63.9	341.6	11.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
575	B44R_100_100dd	0.875	0.0	1.0	1.0	1.0	0.5	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7	0.861	0.224	0.896	45.7	48.0	−25.0	54.1	332.4	1.7	323	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333.7
576	R13Y_087_087dd	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.116	0.0	44.7	54.1	39.1	66.8	35.8	0.875	0.0	0.0	44.6	59.1	45.2	74.4	37.4	7.8	37	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35.8
577	R00Y_087_075dd	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.1	47.5	31.8	57.2	33.8	0.749	0.0	0.0	43.6	56.5	32.7	65.3	30.0	11.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
578	R35Y_087_075dd	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.237	50.3	47.7	27.1	54.9	29.6	0.807	0.329	0.296	43.3	57.5	22.7	61.8	21.6	12.7	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
579	R18Y_087_075dd	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.362	50.3	48.8	18.6	52.3	20.8	0.805	0.328	0.354	43.4	60.4	10.2	61.3	9.6	15.8	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
580	R00Y_087_075dd	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.5	50.3	51.3	8.9	52.1	9.8	0.805	0.329	0.42	43.7	65.5	−3.0	65.6	357.3	19.7	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
581	B65R_087_075dd	0.875	0.125	0.625	0.875	0.75	0.5	349	0.875	0.125	0.637	50.2	53.6	1.6	53.6	1.7	0.805	0.329	0.469	45.1	70.5	−12.9	71.7	349.5	22.9	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
582	B57R_087_075dd	0.875	0.125	0.75	0.875	0.75	0.5	339	0.875	0.125	0.762	50.5	55.3	−4.8	55.6	354.9	0.809	0.333	0.52	44.0	65.2	−17.4	67.5	345.0	17.2	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
583	B50R_087_075dd	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.6	53.3	−7.8	53.9	351.5	1.0	0.375	1.0	44.4	56.5	−22.1	60.7	338.5	16.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
584	B43R_100_087dd	0.875	0.125	1.0	1.0	0.875	0.562	322	0.883	0.125	1.0	51.8	41.1	−22.6	46.9	331.1	0.752	0.398	0.678	45.9	46.5	−25.7	53.1	331.0	8.4	322	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331.1
585	R26Y_087_087dd	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.233	0.0	46.2	51.1	44.8	68.0	41.2	0.795	0.282	0.132	47.7	57.2	50.1	76.0	41.2	8.1	44	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41.2
586	R15Y_087_075dd	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.237	0.125	50.7	46.2	34.1	57.4	36.4	0.808	0.334	0.252	46.7	60.1	44.9	75.0	36.7	18.0	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
587	R00Y_087_062dd	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	39.5	26.5	47.6	33.8	0.816	0.4	0.338	46.9	60.8	31.0	68.3	27.0	23.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
588	R31Y_087_062dd	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.364	56.3	39.9	21.3	45.2	28.0	0.816	0.401	0.372	47.0	63.7	17.2	66.0	15.1	25.8	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
589	R11Y_087_062dd	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.489	56.3	41.1	12.4	43.0	16.8	0.814	0.406	0.434	47.7	68.9	−1.3	68.9	358.9	32.1	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
590	B69R_087_062dd	0.875	0.25	0.625	0.875	0.625	0.562	353	0.875	0.25	0.635	56.3	43.8	3.7	44.0	4.8	0.819	0.409	0.498	47.8	71.0	−12.9	72.2	349.6	32.9	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
591	B59R_087_062dd	0.875	0.25	0.75	0.875	0.625	0.562	341	0.875	0.25	0.76	56.4	45.9	−3.0	46.0	356.1	0.82	0.413	0.549	46.8	61.2	−18.7	64.0	342.9	23.9	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
592	B50R_087_062dd	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.4	44.4	−6.5	44.9	351.5	0.815	0.43	0.581	46.9	51.6	−23.2	56.6	335.7	20.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
593	B42R_100_075dd	0.875	0.25	1.0	1.0	0.75	0.625	321	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.5	0.768	0.476	0.718	46.9	44.4	−26.0	51.5	329.6	16.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.5
594	R41Y_087_087dd	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.364	0.0	52.6	38.6	52.5	65.2	53.6	0.793	0.37	0.126	55.1	41.6	55.5	69.4	53.1	4.8	54	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53.6
595	R31Y_087_075dd	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.362	0.125	53.5	40.7	40.6	57.5	44.9	0.806	0.371	0.223	54.5	48.7	55.9	74.2	48.9	17.2	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
596	R18Y_087_062dd	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.364	0.25	56.9	38.1	29.4	48.2	37.6	0.819	0.409	0.326	54.4	51.6	42.2	66.7	39.2	18.7	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
597	R00Y_087_050dd	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.1	31.6	21.2	38.1	33.8	0.838	0.469	0.416	54.6	52.9	22.8	57.6	23.3	22.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
598	R26Y_087_050dd	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.491	62.2	32.1	15.4	35.6	25.6	0.836	0.474	0.458	54.5	56.0	5.4	56.3	5.5	27.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
599	R00Y_087_050dd	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.625	62.3	34.2	5.9	34.7	9.8	0.836	0.48	0.527	54.6	63.2	−12.3	64.4	348.9	35.1	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
600	B61R_087_050dd	0.875	0.375	0.75	0.875	0.5	0.625	344	0.875	0.375	0.758	62.3	36.4	−1.3	36.4	357.9	0.833	0.487	0.58	53.1	53.7	−18.0	56.7	341.4	25.7	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
601	B50R_087_050dd	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.2	35.5	−5.2	35.9	351.5	0.828	0.505	0.615	51.1	45.2	−23.0	50.7	332.9	23.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
602	B40R_100_062dd	0.875	0.375	1.0	1.0	0.625	0.687	319	0.885	0.375	1.0	63.4	25.5	−18.9	31.7	323.4	0.765	0.547	0.742	49.6	39.7	−26.0	47.4	326.7	21.0	320	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323.4
603	R58Y_087_087dd	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.51	0.0	62.8	19.5	61.8	64.8	72.5	0.807	0.494	0.133	65.1	22.9	65.1	69.0	70.6	5.2	65	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72.5
604	R50Y_087_075dd	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.5	0.125	61.6	24.9	48.2	54.3	62.6	0.81	0.472	0.245	64.6	24.7	64.8	69.4	69.1	16.8	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
605	R38Y_087_062dd	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.489	0.25	60.9	30.2	36.1	47.1	50.0	0.825	0.457	0.314	65.0	28.0	54.7	61.5	62.8	19.1	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
606	R23Y_087_050dd	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.491	0.375	63.0	30.0	24.7	38.9	39.4	0.842	0.476	0.397	66.1	28.1	31.3	42.1	48.0	7.5	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
607	R00Y_087_037dd	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.2	23.7	15.9	28.6	33.8	0.857	0.547	0.507	65.3	32.2	13.2	34.8	22.2	9.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
608	R18Y_087_037dd	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.618	68.3	24.4	9.3	26.1	20.8	0.849	0.56	0.559	64.0	41.0	−4.1	41.2	354.2	21.7	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
609	B65R_087_037dd	0.875	0.5	0.75	0.875	0.375	0.687	349	0.875	0.5	0.756	68.2	26.8	0.8	26.8	1.7	0.849	0.572	0.623	63.0	42.9	−15.2	45.5	340.4	23.3	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
610	B50R_087_037dd	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	26.6	−3.9	26.9	351.5	0.844	0.583	0.669	59.0	35.3	−21.0	41.1	329.2	21.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
611	B38R_100_050dd	0.875	0.5	1.0	1.0	0.5	0.75	316	0.883	0.5	1.0	69.1	17.1	−16.7	23.9	315.7	0.771	0.615	0.775	56.5	30.1	−24.5	38.8	320.7	19.7	317	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315.7
612	R73Y_087_087dd	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.641	0.0	72.1	2.9	71.1	71.1	87.6	0.813	0.614	0.149	74.3	6.4	74.5	74.8	85.0	5.3	75	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87.6
613	R68Y_087_075dd	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.637	0.125	71.5	7.2	58.3	58.8	82.9	0.826	0.604	0.281	73.8	7.2	74.2	74.5	84.4	16.0	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
614	R61Y_087_062dd	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.635	0.25	71.0	10.9	45.4	46.7	76.4	0.837	0.591	0.343	73.7	9.0	68.0	68.6	82.3	22.7	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
615	R50Y_087_050dd	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.625	0.375	69.8	16.6	32.1	36.2	62.6	0.848	0.568	0.409	74.3	10.2	43.2	44.4	76.6	13.5	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
616	R31Y_087_037dd	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.618	0.5	69.9	20.3	20.3	28.7	44.9	0.862	0.567	0.492	74.6	12.6	24.6	27.7	62.8	10.0	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
617	R00Y_087_025dd	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.2	15.8	10.6	19.0	33.8	0.867	0.647	0.614	72.9	20.1	6.4	21.1	17.8	6.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
618	R00Y_087_025dd	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.75	74.3	17.1	2.9	17.3	9.8	0.854	0.659	0.674	73.4	29.8	−10.6	31.7	340.3	18.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
619	B50R_087_025dd	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.7	17.7	−2.6	17.9	351.5	0.849	0.673	0.723	68.3	25.6	−17.2	30.9	326.0	17.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
620	B34R_100_037dd	0.875	0.625	1.0	1.0	0.375	0.812	311	0.881	0.625	1.0	74.9	9.7	−14.6	17.5	303.7	0.794	0.691	0.842	65.3	21.0	−21.0	29.7	314.9	16.1	311	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303.7
621	R86Y_087_087dd	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.758	0.0	79.2	−8.8	78.8	79.3	96.4	0.808	0.721	0.159	82.9	−6.6	83.9	84.1	94.5	6.6	82	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96.4
622	R85Y_087_075dd	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.762	0.125	79.4	−6.3	66.8	67.1	95.3	0.829	0.725	0.313	82.1	−6.3	82.9	83.1	94.3	16.3	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
623	R81Y_087_062dd	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.76	0.25	79.3	−3.1	54.3	54.4	93.3	0.845	0.717	0.388	81.5	−5.5	79.4	79.6	93.9	25.3	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
624	R76Y_087_050dd	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.758	0.375	79.2	−0.1	41.7	41.7	90.2	0.853	0.714	0.466	81.9	−4.5	61.7	61.9	94.2	20.6	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
625	R68Y_087_037dd	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.756	0.5	78.9	3.6	29.1	29.4	82.9	0.863	0.714	0.548	81.7	−1.3	41.1	41.1	91.8	13.2	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
626	R50Y_087_025dd	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.75	0.625	78.0	8.3	16.0	18.1	62.6	0.869	0.712	0.633	80.5	3.3	22.4	22.6	81.5	8.4	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
627	R00Y_087_012dd	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.2	7.9	5.3	9.5	33.8	0.881	0.768	0.743	78.7	10.4	1.5	10.5	8.4	4.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
628	B50R_087_012dd	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.5	8.8	−1.3	8.9	351.5	0.865	0.766	0.796	81.3	14.7	−11.0	18.4	323.1	11.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
629	B25R_100_025dd	0.875	0.75	1.0	1.0	0.25	0.875	300	0.875	0.75	1.0	81.4	2.0	−11.9	12.1	279.6	0.785	0.755	0.859	76.9	9.5	−16.2	18.8	300.4	9.6	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
630	Y00G_087_087dd	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.875	0.0	83.2	−15.3	83.3	84.7	100.4	0.823	0.798	0.125	89.1	−17.5	90.6	92.3	100.9	9.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
631	Y00G_087_075dd	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−13.1	71.4	72.6	100.4	0.84	0.802	0.322	88.7	−17.3	90.2	91.9	100.8	19.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
632	Y00G_087_062dd	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−10.9	59.5	60.5	100.4	0.85	0.8	0.41	88.4	−17.4	89.0	90.7	101.0	30.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
633	Y00G_087_050dd	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.5	−8.7	47.6	48.4	100.4	0.861	0.805	0.493	88.8	−16.9	73.5	75.4	103.0	27.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
634	Y00G_087_037dd	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.9	−6.5	35.7	36.3	100.4	0.869	0.818	0.586	88.7	−14.7	54.1	56.1	105.2	20.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
635	Y00G_087_025dd	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.4	−4.3	23.8	24.2	100.4	0.875	0.834	0.682	88.5	−11.8	37.5	39.3	107.5	15.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
636	Y00G_087_012dd	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.8	−2.1	11.9	12.1	100.4	0.876	0.851	0.777	87.5	−7.1	19.3	20.5	110.2	9.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
637	NW_087dd	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
638	B00R_100_012dd	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	89.5	−0.6	−6.1	6.1	264.0	0.887	0.885	0.983	89.9	−2.0	−7.8	8.1	255.2	2.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
639	Y11G_100_100dd	0.875	1.0	0.0	1.0	1.0	0.5	97	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2	0.884	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	1.3	96	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108.2
640	Y13G_100_087dd	0.875	1.0	0.125	1.0	0.875	0.562	98	0.883	1.0	0.125	84.8	−24.7	69.3	73.5	109.6	0.838	0.947	0.29	83.4	−27.9	77.2	82.1	109.8	8.6	97	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109.6
641	Y15G_100_075dd	0.875	1.0	0.25	1.0	0.75	0.625	99	0.887	1.0	0.25	85.5

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
648	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	0.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
649	R38Y_100_100$_{dd}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0	1.0	0.0	0.116	48.4	63.4	37.8	73.8	30.8	0.3	383	1.0	0.0	0.116	48.4	63.4	38.1	74.0	31.0
650	R26Y_100_100$_{dd}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6	0.996	0.125	0.259	48.3	64.2	29.8	70.8	24.8	1.0	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
651	R13Y_100_100$_{dd}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8	1.0	0.006	0.368	48.4	65.6	20.4	68.8	17.3	0.6	368	1.0	0.0	0.366	48.4	65.6	21.1	68.9	17.8
652	R00Y_100_100$_{dd}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8	0.999	0.0	0.501	48.3	68.4	11.9	69.5	9.8	0.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
653	B68R_100_100$_{dd}$	1.0	0.0	0.625	1.0	1.0	0.5	352	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1	1.0	0.008	0.632	48.3	70.3	5.5	70.5	4.5	0.5	351	1.0	0.0	0.633	48.3	70.4	5.1	70.6	4.1
654	B61R_100_100$_{dd}$	1.0	0.0	0.75	1.0	1.0	0.5	344	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9	1.0	0.035	0.76	48.3	72.7	−1.8	72.7	358.5	0.7	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
655	B55R_100_100$_{dd}$	1.0	0.0	0.875	1.0	1.0	0.5	337	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8	0.999	0.001	0.882	48.7	74.0	−7.7	74.4	354.0	0.2	336	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353.8
656	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	0.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
657	R11Y_100_100$_{dd}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4	1.0	0.115	0.0	48.8	62.0	44.3	76.2	35.6	0.1	36	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35.4
658	R00Y_100_087$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	54.1	55.4	37.2	66.7	33.8	1.0	0.376	0.3	48.4	63.2	39.4	74.5	31.9	9.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
659	R36Y_100_087$_{dd}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.241	54.4	55.5	32.6	64.4	30.4	1.0	0.376	0.337	48.4	64.2	31.7	71.6	26.3	10.5	382	1.0	0.0	0.133	48.4	63.4	37.3	73.6	30.4
660	R23Y_100_087$_{dd}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.358	54.3	56.4	24.9	61.7	23.8	1.0	0.375	0.375	48.3	66.2	21.4	69.6	17.9	11.9	375	1.0	0.0	0.266	48.3	64.5	28.5	70.5	23.8
661	R08Y_100_087$_{dd}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.489	54.4	58.3	15.4	60.4	14.8	1.0	0.383	0.491	48.5	68.1	12.1	69.1	10.1	11.8	365	1.0	0.0	0.416	48.4	66.7	17.6	69.0	14.8
662	B70R_100_087$_{dd}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.635	54.3	61.0	6.7	61.4	6.3	0.874	0.36	0.501	48.2	70.3	5.5	70.6	4.4	11.2	354	1.0	0.0	0.583	48.3	69.7	7.7	70.1	6.3
663	B63R_100_087$_{dd}$	1.0	0.125	0.75	1.0	0.875	0.562	346	1.0	0.125	0.766	54.3	63.3	−0.7	63.3	359.3	1.0	0.361	0.684	48.3	72.9	−2.8	73.0	357.8	11.4	344	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359.3
664	B56R_100_087$_{dd}$	1.0	0.125	0.875	1.0	0.875	0.562	338	1.0	0.125	0.883	54.6	64.7	−6.3	65.0	354.3	1.0	0.361	0.759	48.9	74.2	−8.7	74.7	353.2	11.3	337	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354.3
665	B50R_100_087$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	55.9	62.2	−9.2	62.9	351.5	0.998	0.384	0.818	50.6	70.8	−10.3	71.6	351.7	10.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
666	R23Y_100_100$_{dd}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4	1.0	0.231	0.0	49.9	59.8	50.2	78.1	40.0	0.8	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
667	R13Y_100_087$_{dd}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.241	0.125	54.8	54.1	39.1	66.8	35.8	1.0	0.375	0.25	49.3	61.2	44.4	75.7	35.9	10.4	37	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35.8
668	R00Y_100_075$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	60.1	47.5	31.8	57.2	33.8	0.874	0.431	0.36	49.3	62.7	32.7	70.8	27.5	18.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
669	R35Y_100_075$_{dd}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.362	60.4	47.7	27.1	54.9	29.6	0.874	0.431	0.376	48.6	65.8	21.1	69.1	17.7	22.4	382	1.0	0.0	0.15	48.4	63.6	36.2	73.2	29.6
670	R18Y_100_075$_{dd}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.487	60.3	48.8	18.6	52.3	20.8	1.0	0.479	0.496	49.3	67.6	9.9	68.3	8.3	23.4	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
671	R00Y_100_075$_{dd}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.625	60.3	51.3	8.9	52.1	9.8	1.0	0.453	0.623	49.4	70.1	1.2	70.1	0.9	23.0	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
672	B65R_100_075$_{dd}$	1.0	0.25	0.75	1.0	0.75	0.625	349	1.0	0.25	0.762	60.3	53.6	1.6	53.6	1.7	1.0	0.452	0.706	50.4	71.1	−6.9	71.4	354.4	21.8	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
673	B57R_100_075$_{dd}$	1.0	0.25	0.875	1.0	0.75	0.625	339	1.0	0.25	0.887	60.5	55.3	−4.8	55.6	354.9	1.0	0.453	0.786	51.5	70.6	−10.6	71.4	351.4	18.6	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354.9
674	B50R_100_075$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	61.7	53.3	−7.8	53.9	351.5	1.0	0.473	0.828	53.5	66.1	−11.3	67.1	350.2	15.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
675	R36Y_100_100$_{dd}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5	1.0	0.366	0.0	55.1	49.4	57.2	75.6	49.1	0.8	51	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48.5
676	R26Y_100_087$_{dd}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.358	0.125	56.3	51.1	44.8	68.0	41.2	0.875	0.375	0.25	53.8	52.3	54.5	75.6	46.1	10.0	44	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41.2
677	R15Y_100_075$_{dd}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.362	0.25	60.8	46.2	34.1	57.4	36.4	0.874	0.438	0.35	53.5	54.0	40.7	67.6	37.0	12.5	37	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36.4
678	R00Y_100_062$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	66.2	39.5	26.5	47.6	33.8	1.0	0.501	0.478	54.0	55.6	25.0	61.0	24.2	20.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
679	R31Y_100_062$_{dd}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.489	66.3	39.9	21.3	45.2	28.0	1.0	0.5	0.5	54.0	58.7	12.3	60.0	11.8	24.2	380	1.0	0.0	0.183	48.3	63.9	34.0	72.4	28.0
680	R11Y_100_062$_{dd}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.614	66.4	41.1	12.4	43.0	16.8	1.0	0.5	0.5	54.5	60.8	2.3	60.9	2.2	25.0	367	1.0	0.0	0.383	48.4	65.9	19.9	68.8	16.8
681	B69R_100_062$_{dd}$	1.0	0.375	0.75	1.0	0.625	0.687	353	1.0	0.375	0.76	66.3	43.8	3.7	44.0	4.8	1.0	0.5	0.625	55.0	63.2	−6.5	63.5	354.0	24.7	352	1.0	0.0	0.616	48.3	70.1	6.0	70.4	4.8
682	B59R_100_062$_{dd}$	1.0	0.375	0.875	1.0	0.625	0.687	341	1.0	0.375	0.885	66.4	45.9	−3.0	46.0	356.1	1.0	0.538	0.792	55.8	63.6	−11.3	64.6	349.9	22.2	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356.1
683	B50R_100_062$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	67.5	44.4	−6.5	44.9	351.5	1.0	0.556	0.829	57.0	58.5	−12.3	59.7	348.0	18.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
684	R50Y_100_100$_{dd}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.501	0.0	63.4	33.2	64.3	72.4	62.6	0.0	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
685	R41Y_100_087$_{dd}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.489	0.125	62.7	38.6	52.5	65.2	53.6	1.0	0.501	0.254	63.3	33.7	62.7	71.2	61.7	11.2	54	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53.6
686	R31Y_100_075$_{dd}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.487	0.25	63.6	40.7	40.6	57.5	44.9	0.874	0.468	0.328	62.9	35.1	52.5	63.1	56.2	13.1	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
687	R18Y_100_062$_{dd}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.489	0.375	66.9	38.1	29.4	48.2	37.6	1.0	0.5	0.375	62.6	38.3	33.9	51.2	41.4	6.2	39	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37.6
688	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	63.1	41.5	16.5	44.7	21.7	14.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
689	R26Y_100_050$_{dd}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.616	72.3	32.1	15.4	35.6	25.6	1.0	0.602	0.609	63.8	43.6	6.0	44.0	7.8	17.1	377	1.0	0.0	0.233	48.3	64.2	30.8	71.2	25.6
690	R00Y_100_050$_{dd}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.75	72.3	34.2	5.9	34.7	9.8	1.0	0.623	0.72	63.4	47.4	−3.1	47.5	356.2	18.3	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
691	B61R_100_050$_{dd}$	1.0	0.5	0.875	1.0	0.5	0.75	344	1.0	0.5	0.883	72.3	36.4	−1.3	36.4	357.9	1.0	0.619	0.788	63.3	50.9	−10.7	52.0	348.0	19.4	342	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357.9
692	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.638	0.83	63.2	47.8	−12.3	49.4	345.4	17.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
693	R63Y_100_100$_{dd}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1	1.0	0.632	0.125	72.5	16.3	73.1	74.9	77.4	1.2	68	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78.1
694	R58Y_100_087$_{dd}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.635	0.125	72.8	19.5	61.8	64.8	72.5	1.0	0.623	0.258	72.5	16.4	73.4	75.2	77.4	11.9	65	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72.5
695	R50Y_100_075$_{dd}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.625	0.25	71.7	24.9	48.2	54.3	62.6	1.0	0.614	0.348	72.9	16.2	64.4	66.4	75.8	18.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
696	R38Y_100_062$_{dd}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.614	0.375	70.9	30.2	36.1	47.1	50.0	0.875	0.5	0.375	73.4	18.0	44.4	48.0	67.9	14.9	52	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50.0
697	R23Y_100_050$_{dd}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.616	0.5	73.0	30.0	24.7	38.9	39.4	1.0	0.61	0.501	74.5	20.8	24.5	32.1	49.7	9.3	42	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39.4
698	R00Y_100_037$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.2	23.7	15.9	28.6	33.8	1.0	0.673	0.642	73.6	26.2	11.7	28.7	24.0	6.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
699	R18Y_100_037$_{dd}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.743	78.3	24.4	9.3	26.1	20.8	1.0	0.688	0.708	72.9	32.4	−1.6	32.5	357.1	14.6	371	1.0	0.0	0.316	48.3	65.1	24.8	69.7	20.8
700	B65R_100_037$_{dd}$	1.0	0.625	0.875	1.0	0.375	0.812	349	1.0	0.625	0.881	78.3	26.8	0.8	26.8	1.7	1.0	0.703	0.791	71.5	38.1	−9.5	39.3	345.9	16.7	348	1.0	0.0	0.683	48.3	71.5	2.1	71.5	1.7
701	B50R_100_037$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	79.0	26.6	−3.9	26.9	351.5	1.0	0.721	0.842	68.9	38.6	−11.8	40.4	342.9	17.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
702	R76Y_100_100$_{dd}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2	1.0	0.765	0.0	81.3	1.1	82.3	82.3	89.2	2.1	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
703	R73Y_100_087$_{dd}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.766	0.125	82.1	2.9	71.1	71.1	87.6	1.0	0.749	0.277	80.5	2.6	79.4	79.5	88.0	8.5	75	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87.6
704	R68Y_100_075$_{dd}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.762	0.25	81.5	7.2	58.3	58.8	82.9	1.0	0.749	0.38	81.0	2.0	74.3	74.3	88.4	16.8	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
705	R61Y_100_062$_{dd}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.76	0.375	81.1	10.9	45.4	46.7	76.4	1.0	0.735	0.464	81.0	3.7	58.8	58.9	86.3	15.2	67	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76.4
706	R50Y_100_050$_{dd}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.75	0.5	79.9	16.6	32.1	36.2	62.6	1.0	0.701	0.53	82.3	4.7	42.3	42.6	83.5	15.7	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
707	R31Y_100_037$_{dd}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.743	0.625	80.0	20.3	20.3	28.7	44.9	1.0	0.69	0.612	83.4	8.6	22.2	23.8	68.7	12.3	48	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44.9
708	R00Y_100_025$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.3	15.8	10.6	19.0	33.8	1.0	0.773	0.745	81.4	17.4	5.8	18.4	18.3	5.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
709	R00Y_100_025$_{dd}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.875	84.3	17.1	2.9	17.3	9.8	1.0	0.79	0.817	80.8	23.8	−7.1	24.8	343.4	12.6	360	1.0	0.0	0.5	48.3	68.4	11.9	69.5	9.8
710	B50R_100_025$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.8	17.7	−2.6	17.9	351.5	1.0	0.805	0.868	76.9	27.7	−9.1	29.2	341.8	14.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
711	R88Y_100_100$_{dd}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1	1.0	0.882	0.0	88.7	−11.0	90.6	91.3	96.9	0.5	83	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97.1
712	R86Y_100_087$_{dd}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.883	0.125	89.2	−8.8	78.8	79.3	96.4	1.0	0.91	0.216	87.3	−8.5	85.2	85.6	95.7	6.6	82	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96.4
713	R85Y_100_075$_{dd}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.887	0.25	89.5	−6.3	66.8	67.1	95.3	1.0	0.875	0.375	87.3	−7.7	75.1	75.5	95.8	8.7	81	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95.3
714	R81Y_100_062$_{dd}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.885	0.375	89.4	−3.1	54.3	54.4	93.3	1.0	0.875	0.5	87.1	−6.2	64.4	64.8	95.5	10.8	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93.3
715	R76Y_100_050$_{dd}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.883	0.5	89.3	−0.1	41.7	41.7	90.2	1.0	0.874	0.613	88.6	−6.6	53.9	54.3	97.0	13.7	77	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90.2
716	R68Y_100_037$_{dd}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.881	0.625	88.9	3.6	29.1	29.4	82.9	1.0	0.844	0.672	89.0	−4.0	39.4	39.6	95.8	12.8	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82.9
717	R50Y_100_025$_{dd}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.875	0.75	88.1	8.3	16.0	18.1	62.6	1.0	0.823	0.748	90.9	−1.3	21.3	21.3	93.6	11.3	59	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
718	R00Y_100_012$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.3	7.9	5.3	9.5	33.8	1.0	0.874	0.846	89.3	9.2	0.4	9.2	2.7	5.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
719	B50R_100_012$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	8.8	−1.3	8.9	351.5	1.0	0.921	0.976	86.7	15.2	−6.0	16.3	338.4	8.7	330	1.0	0.0	1.0	50.1	71.1

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
729	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.5	0.0	−0.4	0.4	273.1	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
730	G50B_100_012$_{dd}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	1.0	1.0	91.4	−5.0	−2.7	5.7	208.3	0.875	0.967	0.986	91.7	−6.0	−3.8	7.1	212.2	1.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
731	G50B_100_025$_{dd}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	1.0	1.0	86.5	−10.1	−5.4	11.5	208.3	0.756	0.864	0.913	85.5	−12.1	−7.0	13.9	210.0	2.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
732	G50B_100_037$_{dd}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	1.0	1.0	81.6	−15.2	−8.2	17.2	208.3	0.646	0.846	0.886	80.3	−16.7	−10.0	19.5	210.9	2.7	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
733	G50B_100_050$_{dd}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	1.0	1.0	76.7	−20.2	−10.9	23.0	208.3	0.545	0.84	0.872	73.5	−22.1	−15.2	26.8	214.4	5.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
734	G50B_100_062$_{dd}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	1.0	1.0	71.8	−25.3	−13.6	28.8	208.3	0.452	0.994	0.991	67.5	−28.0	−16.7	32.6	210.9	5.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
735	G50B_100_075$_{dd}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	1.0	1.0	66.9	−30.4	−16.4	34.5	208.3	0.365	1.0	1.0	61.4	−34.3	−19.4	39.4	209.5	7.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
736	G50B_100_087$_{dd}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	1.0	1.0	62.0	−35.5	−19.1	40.3	208.3	0.25	1.0	1.0	58.3	−37.4	−21.5	43.2	209.8	4.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
737	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	56.2	−39.4	−23.0	45.7	210.3	1.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
738	R00Y_100_012$_{dd}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.875	90.3	7.9	5.3	9.5	33.8	1.0	0.874	0.846	89.8	8.7	0.0	8.7	359.3	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
739	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	86.6	0.2	−0.4	0.5	298.6	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
740	G50B_087_012$_{dd}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.875	0.875	81.3	−5.0	−2.7	5.7	208.3	0.758	0.793	0.816	87.1	−11.9	−2.3	12.1	190.9	8.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
741	G50B_087_025$_{dd}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.875	0.875	76.4	−10.1	−5.4	11.5	208.3	0.642	0.742	0.775	80.9	−17.8	−5.3	18.6	196.7	8.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
742	G50B_087_037$_{dd}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.875	0.875	71.5	−15.2	−8.2	17.2	208.3	0.527	0.695	0.732	74.2	−23.7	−9.9	25.7	202.7	9.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
743	G50B_087_050$_{dd}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.875	0.875	66.6	−20.2	−10.9	23.0	208.3	0.421	0.671	0.708	69.9	−28.1	−9.3	29.6	198.3	8.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
744	G50B_087_062$_{dd}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.875	0.875	61.7	−25.3	−13.6	28.8	208.3	0.375	1.0	1.0	63.4	−35.1	−12.7	37.4	199.8	10.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
745	G50B_087_075$_{dd}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.875	0.875	56.8	−30.4	−16.4	34.5	208.3	0.25	1.0	1.0	58.2	−41.2	−15.5	44.1	200.6	10.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
746	G50B_087_087$_{dd}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.875	0.875	51.9	−35.5	−19.1	40.3	208.3	0.125	1.0	1.0	55.9	−42.6	−18.8	46.6	203.8	8.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
747	R00Y_100_025$_{dd}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.75	84.3	15.8	10.6	19.0	33.8	1.0	0.773	0.745	82.2	16.9	3.5	17.3	11.8	7.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
748	R00Y_087_012$_{dd}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.75	80.2	7.9	5.3	9.5	33.8	0.881	0.768	0.743	80.1	9.6	1.3	9.7	8.1	4.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
749	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	74.9	0.1	−0.6	0.7	283.4	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
750	G50B_075_012$_{dd}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.75	0.75	71.3	−5.0	−2.7	5.7	208.3	0.636	0.677	0.694	75.9	−12.0	−3.4	12.5	196.0	8.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
751	G50B_075_025$_{dd}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.75	0.75	66.4	−10.1	−5.4	11.5	208.3	0.536	0.635	0.655	73.7	−21.2	−5.9	22.1	195.5	13.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
752	G50B_075_037$_{dd}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.75	0.75	61.5	−15.2	−8.2	17.2	208.3	0.433	0.584	0.614	69.6	−28.2	−6.5	29.0	193.0	15.4	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
753	G50B_075_050$_{dd}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.75	0.75	56.5	−20.2	−10.9	23.0	208.3	0.338	0.549	0.584	63.2	−37.4	−8.5	38.3	192.8	18.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
754	G50B_075_062$_{dd}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.75	0.75	51.6	−25.3	−13.6	28.8	208.3	0.255	0.525	0.559	57.6	−44.4	−11.7	46.0	194.8	20.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
755	G50B_075_075$_{dd}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.75	0.75	46.7	−30.4	−16.4	34.5	208.3	0.194	0.46	0.504	54.2	−47.8	−15.1	50.1	197.5	19.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
756	R00Y_100_037$_{dd}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.625	78.2	23.7	15.9	28.6	33.8	1.0	0.673	0.642	74.7	25.4	8.6	26.8	18.6	8.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
757	R00Y_087_025$_{dd}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.625	74.2	15.8	10.6	19.0	33.8	0.867	0.647	0.614	74.7	18.8	5.1	19.5	15.2	6.2	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
758	R00Y_075_012$_{dd}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.625	70.2	7.9	5.3	9.5	33.8	0.767	0.652	0.629	68.3	10.0	0.4	10.0	2.7	5.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
759	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	61.3	0.1	−1.2	1.2	275.3	4.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
760	G50B_062_012$_{dd}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.625	0.625	61.2	−5.0	−2.7	5.7	208.3	0.538	0.569	0.575	64.6	−12.9	−3.8	13.5	196.5	8.6	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
761	G50B_062_025$_{dd}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.625	0.625	56.3	−10.1	−5.4	11.5	208.3	0.444	0.533	0.546	63.0	−23.8	−5.3	24.4	192.6	15.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
762	G50B_062_037$_{dd}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.625	0.625	51.4	−15.2	−8.2	17.2	208.3	0.348	0.49	0.505	60.7	−36.3	−7.2	37.0	191.3	23.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
763	G50B_062_050$_{dd}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.625	0.625	46.5	−20.2	−10.9	23.0	208.3	0.264	0.449	0.472	54.1	−51.5	−10.8	52.7	191.8	32.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
764	G50B_062_062$_{dd}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.625	0.625	41.6	−25.3	−13.6	28.8	208.3	0.19	0.4	0.435	50.5	−55.9	−13.6	57.5	193.7	31.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
765	R00Y_100_050$_{dd}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.5	72.2	31.6	21.2	38.1	33.8	1.0	0.602	0.536	63.7	40.7	14.0	43.1	19.0	14.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
766	R00Y_087_037$_{dd}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.5	68.2	23.7	15.9	28.6	33.8	0.857	0.547	0.507	66.2	31.7	10.9	33.5	18.9	9.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
767	R00Y_075_025$_{dd}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.5	64.1	15.8	10.6	19.0	33.8	0.754	0.535	0.503	62.6	19.6	4.1	20.0	11.9	7.6	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
768	R00Y_062_012$_{dd}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.5	60.1	7.9	5.3	9.5	33.8	0.645	0.526	0.5	55.5	10.1	0.0	10.1	359.8	7.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
769	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	49.4	0.0	−1.2	1.2	270.2	6.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
770	G50B_050_012$_{dd}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.5	0.5	51.1	−5.0	−2.7	5.7	208.3	0.442	0.479	0.479	51.5	−13.3	−6.3	14.8	205.4	9.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
771	G50B_050_025$_{dd}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.5	0.5	46.2	−10.1	−5.4	11.5	208.3	0.352	0.428	0.438	51.0	−25.5	−7.7	26.7	196.8	16.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
772	G50B_050_037$_{dd}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.5	0.5	41.3	−15.2	−8.2	17.2	208.3	0.272	0.402	0.416	49.2	−52.7	−10.0	53.6	190.7	38.3	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
773	G50B_050_050$_{dd}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.5	0.5	36.4	−20.2	−10.9	23.0	208.3	0.197	0.349	0.374	48.5	−58.4	−9.0	59.1	188.8	40.0	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
774	R00Y_100_062$_{dd}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.375	66.2	39.5	26.5	47.6	33.8	1.0	0.501	0.478	54.7	54.3	22.9	58.9	22.8	19.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
775	R00Y_087_050$_{dd}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.375	62.1	31.6	21.2	38.1	33.8	0.838	0.469	0.416	55.1	51.4	21.6	55.7	22.8	20.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
776	R00Y_075_037$_{dd}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.375	58.1	23.7	15.9	28.6	33.8	0.737	0.443	0.397	54.0	34.9	12.8	37.2	20.1	12.3	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
777	R00Y_062_025$_{dd}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.375	54.0	15.8	10.6	19.0	33.8	0.635	0.426	0.387	48.3	21.6	5.4	22.3	14.0	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
778	R00Y_050_012$_{dd}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.375	50.0	7.9	5.3	9.5	33.8	0.537	0.421	0.396	43.5	10.8	0.7	10.9	4.0	8.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
779	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	37.2	0.0	−1.4	1.4	271.2	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
780	G50B_037_012$_{dd}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.375	0.375	41.1	−5.0	−2.7	5.7	208.3	0.36	0.396	0.397	39.0	−14.7	−6.4	16.0	203.5	10.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
781	G50B_037_025$_{dd}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.375	0.375	36.1	−10.1	−5.4	11.5	208.3	0.273	0.345	0.348	40.1	−35.8	−8.9	36.9	193.9	26.2	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
782	G50B_037_037$_{dd}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.375	0.375	31.2	−15.2	−8.2	17.2	208.3	0.181	0.282	0.298	40.1	−48.1	−7.1	48.6	188.4	34.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
783	R00Y_100_075$_{dd}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.25	60.1	47.5	31.8	57.2	33.8	0.874	0.431	0.36	49.4	62.4	31.2	69.8	26.5	18.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
784	R00Y_087_062$_{dd}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.25	56.1	39.5	26.5	47.6	33.8	0.816	0.4	0.338	46.9	60.1	29.9	67.1	26.4	22.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
785	R00Y_075_050$_{dd}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.25	52.1	31.6	21.2	38.1	33.8	0.722	0.366	0.314	41.0	53.6	24.1	58.8	24.2	24.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
786	R00Y_062_037$_{dd}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.25	48.0	23.7	15.9	28.6	33.8	0.624	0.347	0.297	38.0	39.2	16.4	42.5	22.7	18.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
787	R00Y_050_025$_{dd}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.249	44.0	15.8	10.6	19.0	33.8	0.525	0.332	0.295	34.8	23.5	7.3	24.6	17.2	12.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
788	R00Y_037_012$_{dd}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.249	39.9	7.9	5.3	9.5	33.8	0.431	0.325	0.3	31.2	11.6	0.9	11.7	4.5	10.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
789	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	26.9	0.0	−0.9	0.9	268.1	9.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
790	G50B_025_012$_{dd}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.25	0.25	31.0	−5.0	−2.7	5.7	208.3	0.264	0.288	0.286	31.0	−20.4	−6.8	21.5	198.6	15.9	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
791	G50B_025_025$_{dd}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.25	0.25	26.1	−10.1	−5.4	11.5	208.3	0.181	0.247	0.254	28.2	−32.8	−6.9	33.5	191.9	22.8	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
792	R00Y_100_087$_{dd}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.125	54.1	55.4	37.2	66.7	33.8	1.0	0.376	0.3	48.3	63.1	39.6	74.6	32.1	9.9	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
793	R00Y_087_075$_{dd}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.125	50.1	47.5	31.8	57.2	33.8	0.749	0.0	0.0	42.6	55.7	32.5	64.5	30.2	11.1	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
794	R00Y_075_062$_{dd}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.125	46.0	39.5	26.5	47.6	33.8	0.711	0.305	0.246	37.6	49.0	28.0	56.4	29.7	12.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
795	R00Y_062_050$_{dd}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.125	42.0	31.6	21.2	38.1	33.8	0.607	0.282	0.225	33.1	43.3	24.2	49.7	29.2	15.0	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
796	R00Y_050_037$_{dd}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.124	37.9	23.7	15.9	28.6	33.8	0.516	0.251	0.207	28.8	37.5	17.2	41.3	24.6	16.5	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
797	R00Y_037_025$_{dd}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.124	33.9	15.8	10.6	19.0	33.8	0.414	0.231	0.197	24.9	26.1	8.6	27.5	18.2	13.8	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
798	R00Y_025_012$_{dd}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.124	29.9	7.9	5.3	9.5	33.8	0.331	0.234	0.21	21.6	11.8	1.9	11.9	9.1	9.7	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
799	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	18.2	0.0	−0.2	0.2	267.5	7.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
800	G50B_012_012$_{dd}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.125	0.125	20.9	−5.0	−2.7	5.7	208.3	0.13	0.15	0.152	19.0	−14.9	−4.3	15.5	196.1	10.1	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
801	R00Y_100_100$_{dd}$	1.0

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
810	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.5	0.5	276.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	B00R_100_012$_{dd}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.875	0.875	1.0	89.5	−0.6	−6.1	6.1	264.0	0.887	0.885	0.983	89.3	−1.8	−8.7	8.9	257.9	2.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
812	B00R_100_025$_{dd}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.75	0.75	1.0	82.6	−1.2	−12.2	12.3	264.0	0.769	0.768	0.87	77.7	−6.0	−21.0	21.8	254.0	11.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
813	B00R_100_037$_{dd}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.625	0.625	1.0	75.8	−1.9	−18.3	18.4	264.0	0.699	0.704	0.855	66.9	−7.6	−30.9	31.8	256.0	16.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
814	B00R_100_050$_{dd}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.5	0.5	1.0	68.9	−2.5	−24.5	24.6	264.0	0.624	0.625	0.835	54.8	−8.6	−40.9	41.8	258.0	22.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
815	B00R_100_062$_{dd}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.375	0.375	1.0	62.1	−3.1	−30.6	30.8	264.0	0.544	0.56	0.818	45.9	−9.2	−48.1	49.0	259.1	24.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
816	B00R_100_075$_{dd}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.25	0.25	1.0	55.2	−3.8	−36.7	36.9	264.0	0.441	0.486	0.749	42.1	−7.5	−50.2	50.7	261.4	19.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
817	B00R_100_087$_{dd}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.125	0.125	1.0	48.4	−4.4	−42.9	43.1	264.0	0.379	0.402	0.739	40.8	−5.6	−50.4	50.7	263.5	10.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
818	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	39.4	−5.6	−48.5	48.8	263.3	2.2	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
819	Y00G_100_012$_{dd}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	1.0	0.875	95.9	−2.1	11.9	12.1	100.4	1.0	0.99	0.934	95.7	−6.9	18.8	20.1	110.1	8.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
820	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	88.1	0.1	0.0	0.1	324.7	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
821	B00R_087_012$_{dd}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.75	0.75	0.875	79.4	−0.6	−6.1	6.1	264.0	0.769	0.764	0.816	82.2	−1.5	−15.5	15.6	264.2	9.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
822	B00R_087_025$_{dd}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.625	0.625	0.875	72.6	−1.2	−12.2	12.3	264.0	0.668	0.68	0.775	68.5	−4.3	−28.0	28.4	261.1	16.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
823	B00R_087_037$_{dd}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.5	0.5	0.875	65.7	−1.9	−18.3	18.4	264.0	0.573	0.6	0.726	55.7	−4.4	−38.6	38.8	263.4	22.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
824	B00R_087_050$_{dd}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.375	0.375	0.875	58.9	−2.5	−24.5	24.6	264.0	0.503	0.523	0.685	45.4	−6.0	−46.9	47.2	262.6	26.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
825	B00R_087_062$_{dd}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.25	0.25	0.875	52.0	−3.1	−30.6	30.8	264.0	0.41	0.449	0.653	41.4	−6.0	−50.1	50.4	263.1	22.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
826	B00R_087_075$_{dd}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.125	0.125	0.875	45.1	−3.8	−36.7	36.9	264.0	0.315	0.359	0.597	39.8	−5.4	−49.1	49.4	263.6	13.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
827	B00R_087_087$_{dd}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.0	0.0	0.875	38.3	−4.4	−42.9	43.1	264.0	0.177	0.233	0.524	36.7	−4.7	−46.1	46.3	264.1	3.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
828	Y00G_100_025$_{dd}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	1.0	0.75	95.5	−4.3	23.8	24.2	100.4	1.0	0.976	0.854	95.1	−10.9	33.8	35.5	107.9	11.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
829	Y00G_087_012$_{dd}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.875	0.75	85.8	−2.1	11.9	12.1	100.4	0.876	0.851	0.777	89.0	−6.5	17.5	18.7	110.5	7.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
830	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.0	0.1	−0.5	0.6	286.7	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
831	B00R_075_012$_{dd}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.625	0.625	0.75	69.3	−0.6	−6.1	6.1	264.0	0.649	0.651	0.695	69.8	0.3	−17.2	17.2	271.2	11.1	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
832	B00R_075_025$_{dd}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.5	0.5	0.75	62.5	−1.2	−12.2	12.3	264.0	0.561	0.575	0.653	57.8	−1.1	−34.1	34.1	268.1	22.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
833	B00R_075_037$_{dd}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.375	0.375	0.75	55.6	−1.9	−18.3	18.4	264.0	0.484	0.5	0.607	46.2	−3.9	−45.5	45.7	265.0	28.8	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
834	B00R_075_050$_{dd}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.25	0.25	0.75	48.8	−2.5	−24.5	24.6	264.0	0.386	0.409	0.561	40.7	−4.5	−49.7	49.9	264.7	26.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
835	B00R_075_062$_{dd}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.125	0.125	0.75	41.9	−3.1	−30.6	30.8	264.0	0.284	0.32	0.5	38.1	−4.3	−47.5	47.7	264.7	17.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
836	B00R_075_075$_{dd}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.0	0.0	0.75	35.1	−3.8	−36.7	36.9	264.0	0.177	0.215	0.445	33.9	−4.5	−42.7	42.9	263.8	6.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
837	Y00G_100_037$_{dd}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	1.0	0.625	95.0	−6.5	35.7	36.3	100.4	1.0	0.955	0.744	94.6	−13.5	46.1	48.0	106.3	12.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
838	Y00G_087_025$_{dd}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.875	0.625	85.4	−4.3	23.8	24.2	100.4	0.875	0.834	0.682	89.4	−11.5	35.8	37.6	107.9	14.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
839	Y00G_075_012$_{dd}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.75	0.625	75.7	−2.1	11.9	12.1	100.4	0.774	0.747	0.673	78.2	−6.9	17.1	18.4	111.9	7.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
840	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	64.0	0.1	−1.2	1.2	276.5	2.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
841	B00R_062_012$_{dd}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.5	0.5	0.625	59.3	−0.6	−6.1	6.1	264.0	0.547	0.542	0.575	56.4	−0.6	−20.4	20.4	268.2	14.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
842	B00R_062_025$_{dd}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.375	0.375	0.625	52.4	−1.2	−12.2	12.3	264.0	0.467	0.482	0.551	47.4	−0.3	−37.0	37.0	269.4	25.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
843	B00R_062_037$_{dd}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.25	0.25	0.625	45.6	−1.9	−18.3	18.4	264.0	0.371	0.381	0.489	39.8	−2.6	−49.2	49.3	266.8	31.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
844	B00R_062_050$_{dd}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.125	0.125	0.625	38.7	−2.5	−24.5	24.6	264.0	0.284	0.306	0.445	35.9	−3.3	−46.3	46.5	265.8	22.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
845	B00R_062_062$_{dd}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.0	0.0	0.625	31.8	−3.1	−30.6	30.8	264.0	0.174	0.201	0.371	30.2	−3.1	−39.2	39.3	265.3	8.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
846	Y00G_100_050$_{dd}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	1.0	0.5	94.6	−8.7	47.6	48.4	100.4	1.0	0.963	0.623	94.1	−15.3	58.1	60.1	104.7	12.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
847	Y00G_087_037$_{dd}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.875	0.5	84.9	−6.5	35.7	36.3	100.4	0.869	0.818	0.586	89.5	−14.6	53.2	55.2	105.3	19.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
848	Y00G_075_025$_{dd}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.75	0.5	75.3	−4.3	23.8	24.2	100.4	0.762	0.715	0.568	80.4	−12.2	36.2	38.2	108.6	15.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
849	Y00G_062_012$_{dd}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.625	0.5	65.7	−2.1	11.9	12.1	100.4	0.64	0.609	0.532	67.5	−6.9	16.8	18.2	112.2	7.1	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
850	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	50.6	0.1	−1.2	1.2	274.4	5.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
851	B00R_050_012$_{dd}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.375	0.375	0.5	49.2	−0.6	−6.1	6.1	264.0	0.444	0.44	0.47	46.0	−1.0	−20.7	20.8	267.0	15.0	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
852	B00R_050_025$_{dd}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.249	0.249	0.5	42.3	−1.2	−12.2	12.3	264.0	0.37	0.377	0.447	40.3	−1.6	−39.8	39.8	267.6	27.6	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
853	B00R_050_037$_{dd}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.124	0.124	0.5	35.5	−1.9	−18.3	18.4	264.0	0.284	0.293	0.39	33.9	−1.6	−45.1	45.1	267.9	26.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
854	B00R_050_050$_{dd}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.0	0.0	0.5	28.6	−2.5	−24.5	24.6	264.0	0.171	0.184	0.318	26.6	−1.5	−35.8	35.8	267.5	11.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
855	Y00G_100_062$_{dd}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	1.0	0.375	94.1	−10.9	59.5	60.5	100.4	1.0	0.966	0.501	93.2	−16.4	71.0	72.9	103.0	12.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
856	Y00G_087_050$_{dd}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.875	0.375	84.5	−8.7	47.6	48.4	100.4	0.861	0.805	0.493	89.3	−16.8	73.6	75.5	102.9	27.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
857	Y00G_075_037$_{dd}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.75	0.375	74.9	−6.5	35.7	36.3	100.4	0.749	0.692	0.471	80.8	−15.4	57.1	59.2	105.1	23.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
858	Y00G_062_025$_{dd}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.625	0.375	65.2	−4.3	23.8	24.2	100.4	0.631	0.585	0.432	68.6	−12.0	36.1	38.0	108.3	14.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
859	Y00G_050_012$_{dd}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.5	0.375	55.6	−2.1	11.9	12.1	100.4	0.545	0.51	0.425	53.6	−7.0	15.9	17.4	113.9	6.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
860	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	36.5	0.0	−1.1	1.1	270.5	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
861	B00R_037_012$_{dd}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.249	0.249	0.375	39.1	−0.6	−6.1	6.1	264.0	0.368	0.372	0.403	35.3	−1.7	−23.0	23.1	265.6	17.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
862	B00R_037_025$_{dd}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.124	0.124	0.375	32.3	−1.2	−12.2	12.3	264.0	0.276	0.273	0.334	30.9	−2.3	−39.6	39.7	266.6	27.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
863	B00R_037_037$_{dd}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.0	0.0	0.375	25.4	−1.9	−18.3	18.4	264.0	0.168	0.17	0.263	21.7	−0.9	−26.7	26.8	267.9	9.2	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
864	Y00G_100_075$_{dd}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	1.0	0.25	93.7	−13.1	71.4	72.6	100.4	1.0	0.978	0.376	93.3	−17.4	82.2	84.0	101.9	11.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
865	Y00G_087_062$_{dd}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.875	0.25	84.1	−10.9	59.5	60.5	100.4	0.85	0.8	0.41	88.9	−17.5	90.0	91.7	101.0	31.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
866	Y00G_075_050$_{dd}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.75	0.25	74.4	−8.7	47.6	48.4	100.4	0.738	0.679	0.379	80.3	−16.5	78.4	80.1	101.8	32.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
867	Y00G_062_037$_{dd}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.625	0.25	64.8	−6.5	35.7	36.3	100.4	0.624	0.572	0.347	68.0	−14.7	58.9	60.7	104.0	24.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
868	Y00G_050_025$_{dd}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.5	0.249	55.2	−4.3	23.8	24.2	100.4	0.537	0.491	0.336	54.0	−11.8	38.6	40.4	107.0	16.6	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
869	Y00G_037_012$_{dd}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.375	0.249	45.5	−2.1	11.9	12.1	100.4	0.44	0.406	0.325	39.2	−6.0	15.5	16.6	111.4	8.2	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
870	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	25.7	0.0	−0.8	0.8	273.4	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
871	B00R_025_012$_{dd}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.124	0.124	0.25	29.0	−0.6	−6.1	6.1	264.0	0.27	0.263	0.29	25.6	−2.2	−25.7	25.8	264.9	19.9	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
872	B00R_025_025$_{dd}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.0	0.0	0.25	22.2	−1.2	−12.2	12.3	264.0	0.148	0.14	0.2	21.1	−3.1	−9.5	10.0	252.0	3.4	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
873	Y00G_100_087$_{dd}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	1.0	0.125	93.2	−15.3	83.3	84.7	100.4	1.0	0.984	0.229	92.9	−17.7	92.5	94.2	100.8	9.5	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
874	Y00G_087_075$_{dd}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.875	0.125	83.6	−13.1	71.4	72.6	100.4	0.84	0.802	0.322	88.9	−17.3	90.6	92.2	100.8	20.3	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
875	Y00G_075_062$_{dd}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.75	0.125	74.0	−10.9	59.5	60.5	100.4	0.723	0.674	0.302	80.1	−16.6	81.0	82.7	101.6	23.0	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
876	Y00G_062_050$_{dd}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.625	0.125	64.3	−8.7	47.6	48.4	100.4	0.618	0.569	0.276	68.3	−15.2	67.1	68.8	102.7	20.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
877	Y00G_050_037$_{dd}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.5	0.124	54.7	−6.5	35.7	36.3	100.4	0.527	0.478	0.259	54.7	−12.8	53.3	54.8	103.5	18.7	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
878	Y00G_037_025$_{dd}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.375	0.124	45.1	−4.3	23.8	24.2	100.4	0.432	0.388	0.232	40.4	−9.8	35.7	37.0	105.3	13.9	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
879	Y00G_025_012$_{dd}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.25	0.124	35.4	−2.1	11.9	12.1	100.4	0.337	0.305	0.221	29.2	−6.2	19.2	20.2	108.1	10.4	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
880	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	16.7	0.0	0.0	0.0	12.3	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
881	B00R_012_012$_{dd}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.0	0.0	0.125	19.0	−0.6	−6.1	6.1	264.0	0.13	0.127	0.157	15.5	−0.9	−0.3	0.9	202.7	6.7	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
882	Y00G_100_100$_{dd}$	1.0

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$					*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$					*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$				
891	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
892	B50R_100_012$_{dd}$	1.0	0.875	1.0	1.0	0.125	0.937	330	1.0	0.875	1.0	90.6	8.8	−1.3	8.9	351.5	1.0	0.921	0.976	86.3	15.4	−6.2	16.6	337.8	9.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
893	B50R_100_025$_{dd}$	1.0	0.75	1.0	1.0	0.25	0.875	330	1.0	0.75	1.0	84.8	17.7	−2.6	17.9	351.5	1.0	0.805	0.868	77.0	27.3	−9.7	29.0	340.4	14.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
894	B50R_100_037$_{dd}$	1.0	0.625	1.0	1.0	0.375	0.812	330	1.0	0.625	1.0	79.0	26.6	−3.9	26.9	351.5	1.0	0.721	0.842	67.7	40.4	−12.6	42.3	342.6	19.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
895	B50R_100_050$_{dd}$	1.0	0.5	1.0	1.0	0.5	0.75	330	1.0	0.5	1.0	73.2	35.5	−5.2	35.9	351.5	1.0	0.638	0.83	62.2	49.4	−12.5	51.0	345.7	19.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
896	B50R_100_062$_{dd}$	1.0	0.375	1.0	1.0	0.625	0.687	330	1.0	0.375	1.0	67.5	44.4	−6.5	44.9	351.5	1.0	0.556	0.829	55.9	60.4	−12.5	61.7	348.2	20.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
897	B50R_100_075$_{dd}$	1.0	0.25	1.0	1.0	0.75	0.625	330	1.0	0.25	1.0	61.7	53.3	−7.8	53.9	351.5	1.0	0.473	0.828	52.1	68.2	−10.9	69.1	350.9	18.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
898	B50R_100_087$_{dd}$	1.0	0.125	1.0	1.0	0.875	0.562	330	1.0	0.125	1.0	55.9	62.2	−9.2	62.9	351.5	0.998	0.384	0.818	50.0	71.8	−9.8	72.4	352.2	11.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
899	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	49.8	71.1	−9.5	71.7	352.3	1.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
900	G00B_100_012$_{dd}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.875	91.6	−7.4	5.1	9.0	145.5	0.878	0.983	0.929	91.8	−10.8	12.2	16.3	131.4	7.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
901	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.2	−0.2	0.3	308.6	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
902	B50R_087_012$_{dd}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.875	0.75	0.875	80.5	8.8	−1.3	8.9	351.5	0.865	0.766	0.796	81.2	13.9	−10.9	17.7	322.0	10.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
903	B50R_087_025$_{dd}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.875	0.625	0.875	74.7	17.7	−2.6	17.9	351.5	0.849	0.673	0.723	68.2	25.9	−17.3	31.2	326.2	18.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
904	B50R_087_037$_{dd}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.875	0.5	0.875	68.9	26.6	−3.9	26.9	351.5	0.844	0.583	0.669	57.2	37.3	−21.5	43.1	330.0	23.6	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
905	B50R_087_050$_{dd}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.875	0.375	0.875	63.2	35.5	−5.2	35.9	351.5	0.828	0.505	0.615	50.7	45.2	−23.2	50.8	332.8	23.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
906	B50R_087_062$_{dd}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.875	0.25	0.875	57.4	44.4	−6.5	44.9	351.5	0.815	0.43	0.581	45.6	53.3	−22.6	57.9	337.0	21.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
907	B50R_087_075$_{dd}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.875	0.125	0.875	51.6	53.3	−7.8	53.9	351.5	1.0	0.375	1.0	44.2	56.8	−21.0	60.5	339.6	15.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
908	B50R_087_087$_{dd}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.875	0.0	0.875	45.8	62.2	−9.2	62.9	351.5	0.792	0.272	0.515	43.4	60.7	−18.6	63.5	342.9	9.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
909	G00B_100_025$_{dd}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.75	86.9	−14.8	10.2	18.0	145.5	0.752	0.87	0.796	84.7	−20.0	17.1	26.3	139.4	8.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
910	G00B_087_012$_{dd}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.75	81.5	−7.4	5.1	9.0	145.5	0.762	0.813	0.778	86.7	−17.8	16.1	24.0	137.9	16.0	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
911	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	75.1	0.1	−0.6	0.6	287.9	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
912	B50R_075_012$_{dd}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.75	0.625	0.75	70.4	8.8	−1.3	8.9	351.5	0.759	0.655	0.678	70.7	14.0	−14.7	20.4	313.5	14.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
913	B50R_075_025$_{dd}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.75	0.5	0.75	64.6	17.7	−2.6	17.9	351.5	0.749	0.571	0.613	58.6	29.3	−23.4	37.5	321.3	24.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
914	B50R_075_037$_{dd}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.75	0.375	0.75	58.9	26.6	−3.9	26.9	351.5	0.732	0.473	0.55	48.1	37.4	−28.0	46.7	323.1	28.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
915	B50R_075_050$_{dd}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.75	0.25	0.75	53.1	35.5	−5.2	35.9	351.5	0.712	0.393	0.5	41.8	45.6	−28.7	54.0	327.7	28.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
916	B50R_075_062$_{dd}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.75	0.125	0.75	47.3	44.4	−6.5	44.9	351.5	0.695	0.321	0.466	39.0	49.3	−27.3	56.4	331.0	22.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
917	B50R_075_075$_{dd}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.75	0.0	0.75	41.5	53.3	−7.8	53.9	351.5	0.681	0.257	0.438	37.9	52.4	−24.9	58.0	334.5	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
918	G00B_100_037$_{dd}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.625	82.1	−22.3	15.3	27.0	145.5	0.666	0.873	0.719	77.9	−28.3	19.7	34.5	145.1	8.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
919	G00B_087_025$_{dd}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.625	76.8	−14.8	10.2	18.0	145.5	0.639	0.745	0.667	78.1	−28.4	21.2	35.4	143.2	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
920	G00B_075_012$_{dd}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.625	71.5	−7.4	5.1	9.0	145.5	0.643	0.689	0.648	76.9	−19.1	14.8	24.2	142.2	16.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
921	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	61.9	0.1	−1.0	1.0	280.0	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_{dd}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.625	0.5	0.625	60.3	8.8	−1.3	8.9	351.5	0.635	0.529	0.547	57.7	15.7	−17.1	23.2	312.6	17.4	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
923	B50R_062_025$_{dd}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.625	0.375	0.625	54.6	17.7	−2.6	17.9	351.5	0.624	0.446	0.487	47.9	32.2	−30.2	44.2	316.8	31.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
924	B50R_062_037$_{dd}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.625	0.25	0.625	48.8	26.6	−3.9	26.9	351.5	0.609	0.36	0.433	38.6	42.9	−32.2	53.6	323.1	34.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
925	B50R_062_050$_{dd}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.625	0.125	0.625	43.0	35.5	−5.2	35.9	351.5	0.593	0.296	0.398	35.6	45.6	−31.0	55.2	325.7	28.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
926	B50R_062_062$_{dd}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.625	0.0	0.625	37.2	44.4	−6.5	44.9	351.5	0.583	0.201	0.361	33.9	46.5	−29.1	54.9	327.9	22.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
927	G00B_100_050$_{dd}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.5	77.4	−29.7	20.4	36.1	145.5	0.6	0.874	0.623	71.5	−37.1	26.7	45.7	144.2	11.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
928	G00B_087_037$_{dd}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.5	72.1	−22.3	15.3	27.0	145.5	0.539	0.705	0.566	70.4	−39.0	27.8	47.9	144.5	20.9	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
929	G00B_075_025$_{dd}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.5	66.7	−14.8	10.2	18.0	145.5	0.535	0.628	0.54	72.2	−36.2	25.1	44.0	145.2	26.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
930	G00B_062_012$_{dd}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.5	61.4	−7.4	5.1	9.0	145.5	0.538	0.573	0.527	65.9	−20.7	15.4	25.8	143.3	17.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
931	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	49.3	0.0	−1.3	1.3	273.8	6.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
932	B50R_050_012$_{dd}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.5	0.375	0.5	50.3	8.8	−1.3	8.9	351.5	0.53	0.431	0.447	45.3	15.5	−17.6	23.4	311.3	18.2	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
933	B50R_050_025$_{dd}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.5	0.249	0.5	44.5	17.7	−2.6	17.9	351.5	0.518	0.346	0.387	36.8	37.1	−32.4	49.3	318.8	36.3	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
934	B50R_050_037$_{dd}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.5	0.124	0.5	38.7	26.6	−3.9	26.9	351.5	0.494	0.261	0.329	31.8	42.6	−31.8	53.2	323.2	32.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
935	B50R_050_050$_{dd}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.5	0.0	0.5	32.9	35.5	−5.2	35.9	351.5	0.49	0.17	0.292	30.8	39.6	−30.6	50.0	322.2	25.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
936	G00B_100_062$_{dd}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.375	72.7	−37.2	25.5	45.1	145.5	0.472	0.749	0.501	65.4	−47.0	34.9	58.5	143.4	15.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
937	G00B_087_050$_{dd}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.375	67.3	−29.7	20.4	36.1	145.5	0.455	0.659	0.472	64.5	−48.8	35.0	60.1	144.3	24.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
938	G00B_075_037$_{dd}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.375	62.0	−22.3	15.3	27.0	145.5	0.45	0.588	0.455	64.9	−47.9	33.9	58.7	144.6	31.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
939	G00B_062_025$_{dd}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.375	56.6	−14.8	10.2	18.0	145.5	0.451	0.538	0.445	62.1	−42.2	29.1	51.3	145.3	33.7	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
940	G00B_050_012$_{dd}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.375	51.3	−7.4	5.1	9.0	145.5	0.444	0.476	0.424	51.6	−22.0	14.0	26.1	147.4	17.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
941	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	35.2	0.0	−1.0	1.0	273.5	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
942	B50R_037_012$_{dd}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.375	0.249	0.375	40.2	8.8	−1.3	8.9	351.5	0.432	0.34	0.356	33.5	14.6	−17.9	23.1	309.2	18.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
943	B50R_037_025$_{dd}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.375	0.124	0.375	34.4	17.7	−2.6	17.9	351.5	0.412	0.238	0.28	28.7	31.9	−29.6	43.6	317.1	31.0	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
944	B50R_037_037$_{dd}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.375	0.0	0.375	28.6	26.6	−3.9	26.9	351.5	0.371	0.155	0.226	26.8	30.0	−27.3	40.6	317.6	23.7	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
945	G00B_100_075$_{dd}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.25	67.9	−44.6	30.6	54.1	145.5	0.375	1.0	0.5	61.8	−54.5	40.3	67.8	143.4	15.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
946	G00B_087_062$_{dd}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.25	62.6	−37.2	25.5	45.1	145.5	0.385	0.608	0.393	60.0	−57.9	40.6	70.8	144.9	25.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
947	G00B_075_050$_{dd}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.25	57.2	−29.7	20.4	36.1	145.5	0.372	0.543	0.366	59.1	−59.2	39.9	71.4	146.0	35.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
948	G00B_062_037$_{dd}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.25	51.9	−22.3	15.3	27.0	145.5	0.361	0.485	0.351	56.8	−62.7	39.8	74.3	147.5	47.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
949	G00B_050_025$_{dd}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.249	46.6	−14.8	10.2	18.0	145.5	0.361	0.443	0.35	49.8	−47.9	29.4	56.2	148.3	38.3	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
950	G00B_037_012$_{dd}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.249	41.2	−7.4	5.1	9.0	145.5	0.361	0.401	0.35	39.8	−23.3	13.0	26.7	150.8	17.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
951	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	24.6	0.0	−0.6	0.6	274.2	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
952	B50R_025_012$_{dd}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.25	0.124	0.25	30.1	8.8	−1.3	8.9	351.5	0.335	0.242	0.257	23.5	15.2	−19.2	24.5	308.3	20.1	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
953	B50R_025_025$_{dd}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.25	0.0	0.25	24.3	17.7	−2.6	17.9	351.5	0.3	0.136	0.178	20.2	20.1	−22.9	30.5	311.2	20.9	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
954	G00B_100_087$_{dd}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.125	63.2	−52.1	35.7	63.1	145.5	0.323	0.874	0.376	59.9	−57.9	42.0	71.5	144.0	9.1	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
955	G00B_087_075$_{dd}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.125	57.8	−44.6	30.6	54.1	145.5	0.323	0.581	0.32	58.2	−61.1	41.8	74.1	145.6	19.9	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
956	G00B_075_062$_{dd}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.125	52.5	−37.2	25.5	45.1	145.5	0.301	0.504	0.294	56.9	−62.2	40.4	74.2	146.9	29.4	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
957	G00B_062_050$_{dd}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.125	47.2	−29.7	20.4	36.1	145.5	0.292	0.45	0.276	51.8	−60.6	36.0	70.5	149.2	34.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
958	G00B_050_037$_{dd}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.124	41.8	−22.3	15.3	27.0	145.5	0.275	0.388	0.246	46.9	−56.7	32.0	65.1	150.5	38.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
959	G00B_037_025$_{dd}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.124	36.5	−14.8	10.2	18.0	145.5	0.268	0.341	0.242	39.6	−50.9	26.1	57.2	152.8	39.5	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
960	G00B_025_012$_{dd}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.124	31.2	−7.4	5.1	9.0	145.5	0.266	0.299	0.246	30.8	−28.4	14.3	31.8	153.2	22.8	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
961	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	17.1	0.1	0.0	0.1	37.6	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
962	B50R_012_012$_{dd}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.125	0.0	0.125	20.0	8.8	−1.3	8.9	351.5	0.229	0.119	0.14	17.3	6.2	−9.2	11.1	303.8	8.8	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
963	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			$h_{si_F,dd}$	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$				*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
972	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	199.1	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
973	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.0	−0.1	−0.1	0.1	224.5	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
974	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	22.6	0.0	−0.7	0.7	264.3	13.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
975	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	34.1	0.0	−0.9	0.9	269.2	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
976	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	48.6	0.1	−1.0	1.0	275.7	7.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
977	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	62.1	0.1	−0.9	0.9	277.4	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
978	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	75.3	0.1	−0.6	0.6	283.0	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
979	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.9	0.0	−0.2	0.2	285.7	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
980	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.1	−0.5	0.5	256.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
981	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	271.3	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
982	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.1	0.0	−0.1	0.1	257.9	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
983	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	22.5	0.0	−0.8	0.8	265.4	13.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
984	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	33.9	0.0	−1.1	1.1	270.8	12.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
985	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.7	0.1	−1.0	1.0	278.0	8.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
986	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	62.6	0.1	−1.1	1.1	278.7	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
987	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	75.7	0.2	−0.7	0.7	286.3	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
988	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	88.0	0.1	−0.3	0.3	294.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
989	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.5	0.6	262.1	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
990	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.1	131.7	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
991	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	14.6	0.0	−0.2	0.3	252.4	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
992	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	21.9	0.0	−0.8	0.8	265.5	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
993	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	32.9	0.0	−0.9	0.9	273.5	13.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
994	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.3	0.0	−0.9	0.9	275.5	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
995	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	61.6	0.2	−1.0	1.1	280.9	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
996	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	74.6	0.2	−0.5	0.5	292.4	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
997	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.2	−0.3	0.4	303.5	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
998	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.4	0.4	262.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
999	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.1	0.2	110.1	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1000	NW_012$_{dd}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.1	−0.1	−0.2	0.2	238.0	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1001	NW_025$_{dd}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	21.8	−0.1	−0.5	0.6	253.4	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1002	NW_037$_{dd}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	32.8	0.0	−0.9	0.9	266.5	13.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1003	NW_050$_{dd}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.2	0.0	−0.8	0.8	273.9	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1004	NW_062$_{dd}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	61.8	0.1	−0.9	0.9	277.5	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1005	NW_075$_{dd}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	74.7	0.1	−0.4	0.4	290.6	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1006	NW_087$_{dd}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.1	0.0	0.2	338.8	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1007	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	243.2	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1008	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	62.0	3.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1009	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	12.3	0.0	0.0	0.0	54.7	8.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1010	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	17.9	0.0	−0.3	0.3	273.0	8.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1011	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	22.0	0.0	−0.7	0.7	265.7	9.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1012	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	26.4	0.0	−0.8	0.8	269.1	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1013	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	31.1	0.0	−0.8	0.8	270.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1014	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.8	0.0	−0.7	0.7	275.8	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1015	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	43.8	0.0	−0.6	0.6	277.3	9.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1016	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.6	0.1	−0.7	0.7	282.4	7.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1017	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.8	0.1	−0.6	0.7	282.6	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1018	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.677	0.66	0.662	66.7	0.2	−0.7	0.7	286.3	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1019	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.761	0.756	0.756	72.9	0.1	−0.3	0.4	295.7	2.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1020	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.799	0.783	0.792	78.8	0.2	−0.1	0.2	334.2	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1021	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	85.2	0.1	0.0	0.1	1.0	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1022	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	90.9	0.1	−0.1	0.2	324.4	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1023	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.2	0.2	276.9	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1024	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	93.8	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1025	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	11.5	0.0	0.1	0.1	84.8	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1026	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	17.1	0.0	−0.2	0.2	276.9	9.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1027	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	21.4	0.0	−0.7	0.7	266.9	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1028	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	26.1	0.0	−0.7	0.7	271.6	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1029	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	31.2	0.0	−0.9	0.9	271.8	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1030	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.9	0.0	−0.8	0.8	276.1	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1031	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	44.2	0.1	−0.7	0.7	282.0	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1032	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.7	0.1	−0.9	0.9	280.6	7.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1033	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.8	0.2	−1.0	1.0	281.3	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1034	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.677	0.66	0.662	66.8	0.1	−0.7	0.8	283.8	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1035	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.761	0.756	0.756	73.1	0.2	−0.5	0.6	293.0	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1036	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.799	0.783	0.792	78.9	0.2	−0.1	0.2	324.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1037	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	85.2	0.2	0.0	0.2	342.0	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1038	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	91.0	0.2	−0.1	0.2	322.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1039	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.4	0.4	279.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1040	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	70.8	4.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1041	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	11.0	0.0	0.1	0.1	73.5	10.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1042	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	16.3	0.0	−0.2	0.2	276.7	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1043	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	21.3	0.0	−0.6	0.6	268.8	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1044	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	25.7	0.0	−0.8	0.8	271.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1045	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	30.8	0.0	−0.8	0.8	272.1	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1046	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.4	0.1	−0.9	0.9	277.4	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1047	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	44.1	0.1	−0.6	0.7	280.4	9.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1048	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.2	0.2	−0.9	0.9	281.6	7.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1049	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6

n	HIC*$_{Fdd}$	*rgb*$_{Fdd}$			*ict*$_{Fdd}$			h_{si_Fdd}	*rgb**$_{Fdd}$			*LabCh**$_{Fdd}$				*rgb'**$_{Fdd}$			*LabCh'**$_{Fdd}$				*DE'**$_{Fdd}$	$h_{siM,dd}$	*rgb**$_{Mdd}$			*LabCh**$_{Mdd}$			
1053	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	85.0	0.2	0.0	0.2	17.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	90.8	0.2	−0.3	0.4	310.7	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.3	0.3	273.6	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.2	0.2	86.1	5.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	NW_006$_{dd}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	10.7	0.0	0.3	0.3	87.3	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	NW_013$_{dd}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	16.0	0.0	−0.1	0.1	284.4	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	NW_020$_{dd}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	20.9	0.0	−0.6	0.6	266.8	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	NW_026$_{dd}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	25.3	0.0	−0.6	0.6	268.0	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	NW_033$_{dd}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	31.1	0.0	−0.8	0.8	272.0	11.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	NW_040$_{dd}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.3	0.0	−0.7	0.7	274.3	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	NW_046$_{dd}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	44.0	0.1	−0.6	0.6	283.5	9.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	NW_053$_{dd}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.4	0.1	−0.8	0.8	279.0	7.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	NW_060$_{dd}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.5	0.1	−0.7	0.7	280.4	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	NW_066$_{dd}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.677	0.66	0.662	66.7	0.1	−0.7	0.7	282.8	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073$_{dd}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.761	0.756	0.756	72.7	0.1	−0.4	0.4	294.4	2.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	NW_080$_{dd}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.799	0.783	0.792	78.6	0.2	−0.2	0.3	318.8	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	NW_086$_{dd}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	84.6	0.2	0.0	0.2	354.4	0.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	NW_093$_{dd}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	90.9	0.3	−0.1	0.3	332.3	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.2	−0.3	0.3	309.0	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000$_{dd}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.1	0.1	91.6	3.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	NW_100$_{dd}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	282.2	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_{dd}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	47.6	63.7	44.8	77.9	35.1	2.4	389	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
1075	G50B_100_100$_{dd}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	56.6	−42.5	−20.2	47.1	205.4	2.5	210	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
1076	Y00G_100_100$_{dd}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.6	−17.4	97.1	98.6	100.1	1.8	89	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
1077	B00R_100_100$_{dd}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.125	1.0	38.5	−6.0	−48.2	48.6	262.8	3.3	270	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
1078	G00B_100_100$_{dd}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.125	1.0	0.0	58.2	−60.6	43.3	74.5	144.4	2.6	149	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
1079	B50R_100_100$_{dd}$	1.0	0.0	1.0	1.0	1.0	0.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	49.7	72.5	−10.9	73.3	351.3	1.5	330	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
																							delta		**4.4**								

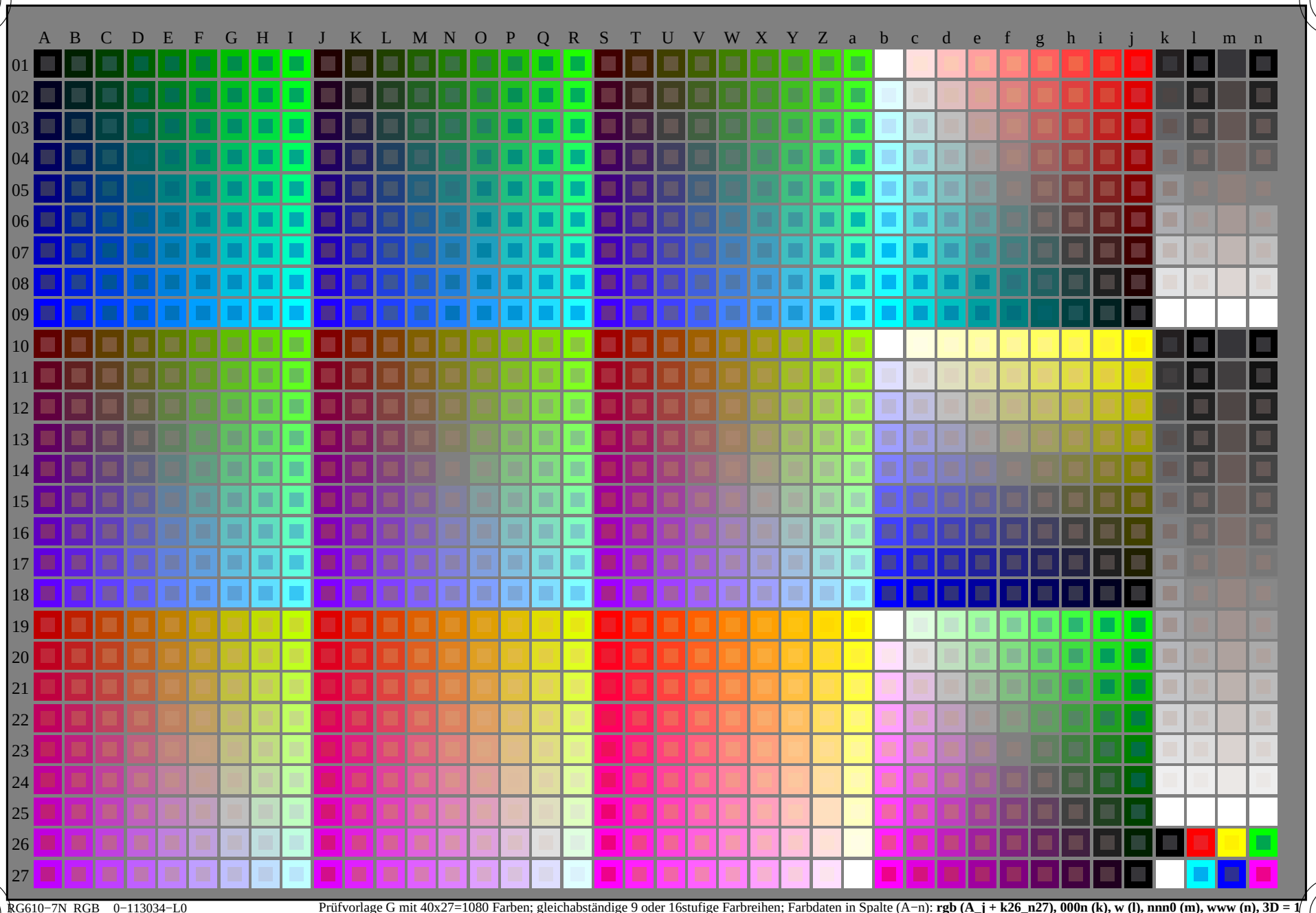
TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Farben und Farbabstände, $\Delta E'^*$

Eingabe: *rgb/cmyk* −> rgb_{dd}
Ausgabe: 3D-Linearisierung rgb^*_{dd}

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

0−1033234−F0



RG610−7N_RGB 0−113034−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n): **rgb (A_j + k26_n27), 000n (k), w (l), nnn0 (m), www (n), 3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

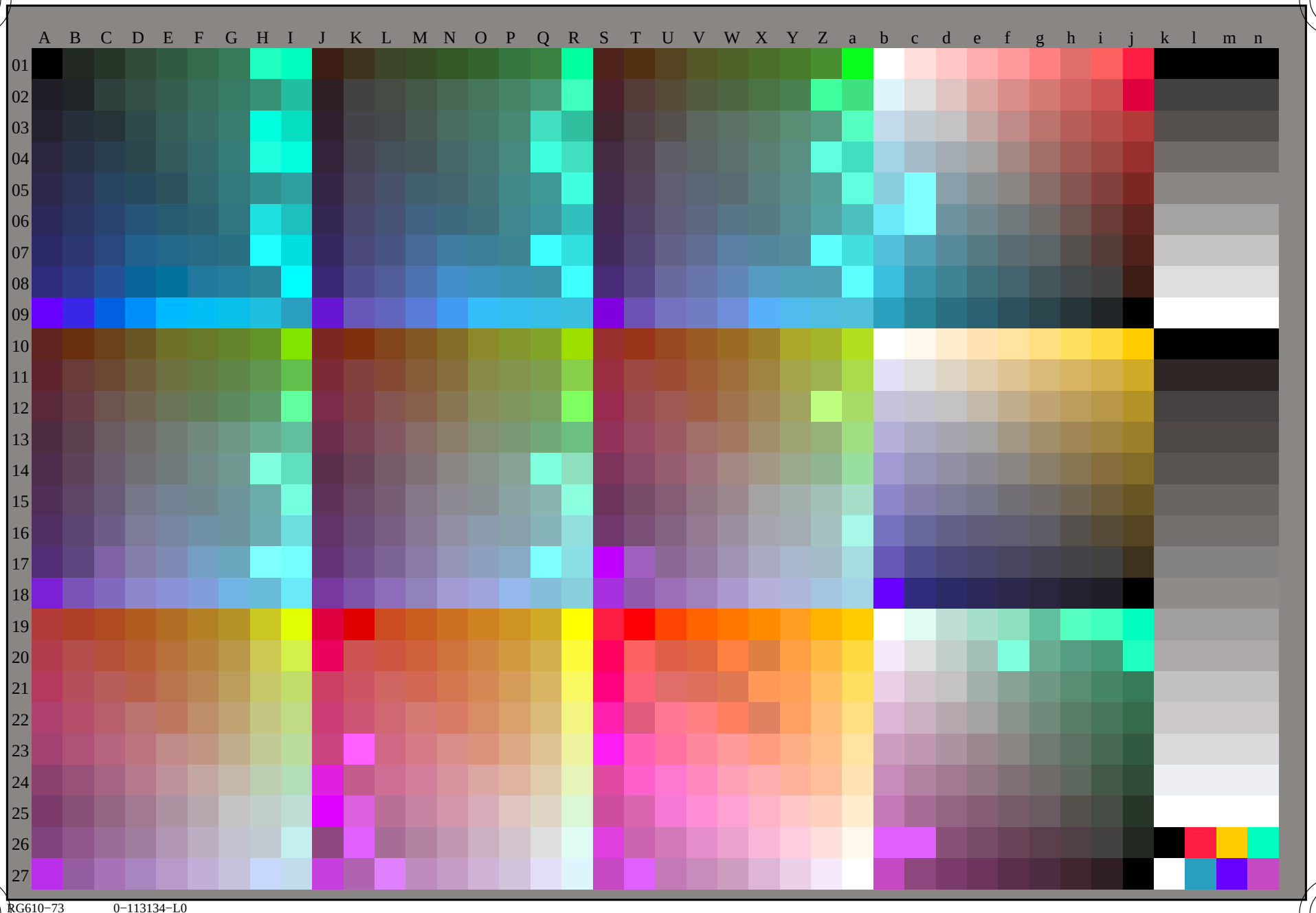
Eingabe: *rgb/cmyk −> rgb/cmyk*
Ausgabe: keine Änderung

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS
Anwendung für Messung von Laserdrucker-Ausgabe

TUB-Material: Code=rha4ta

http://130.149.60.45/~farbmetrik/RG61/RG61L0FA.TXT /.PS; 3D-Linearisierung
F: 3D-Linearisierung RG61/RG61LG30FA.DAT in Datei (F), Seite 2/33



TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

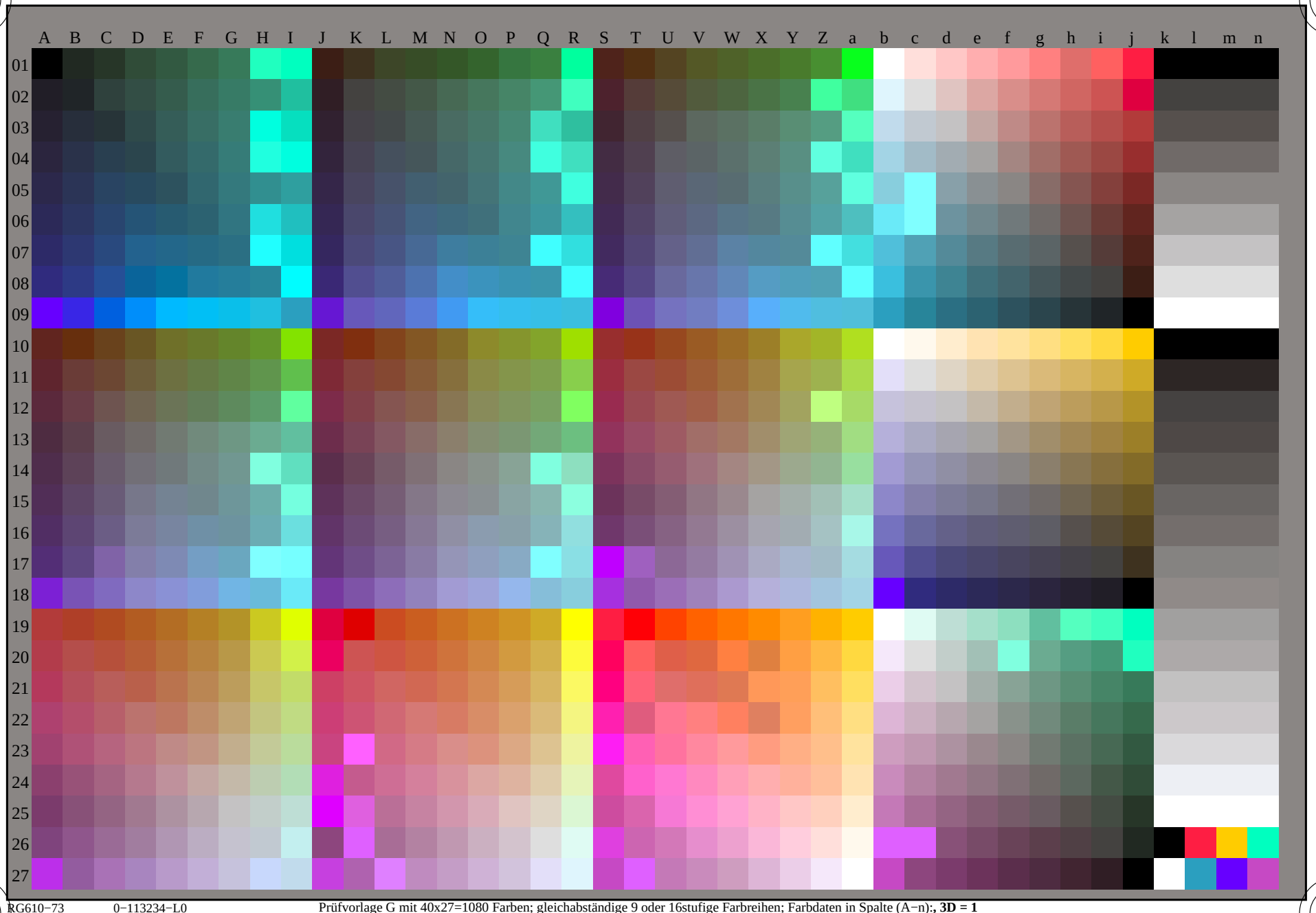
Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

RG610−73 0−113134−L0

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872, 3D=1, de=1, *rgb**

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^{*}_{de}

0−113134−F0



RG610−73 0−113234−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

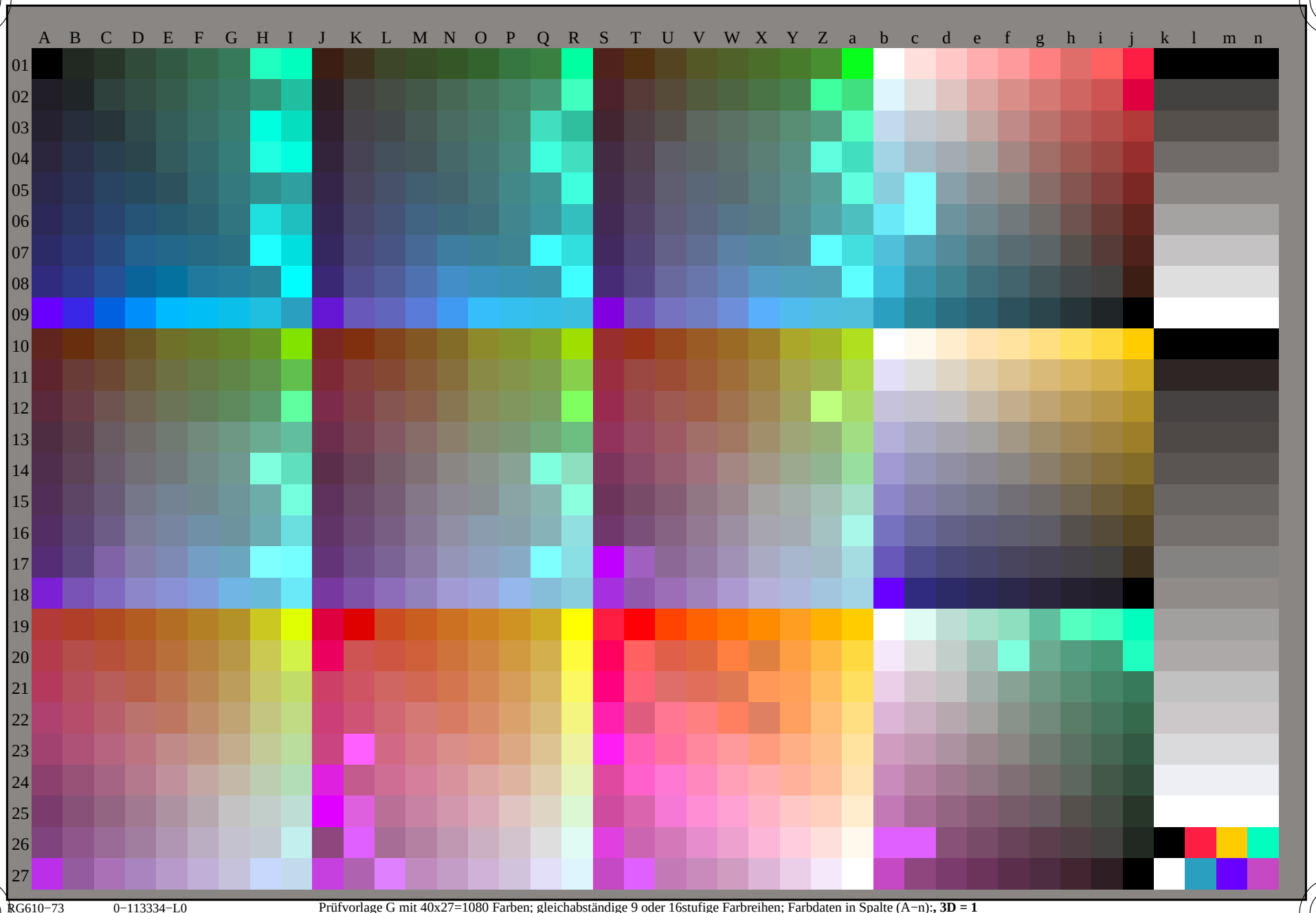
TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

0−113234−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)



RG610−73 0−113334−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

0−113334−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
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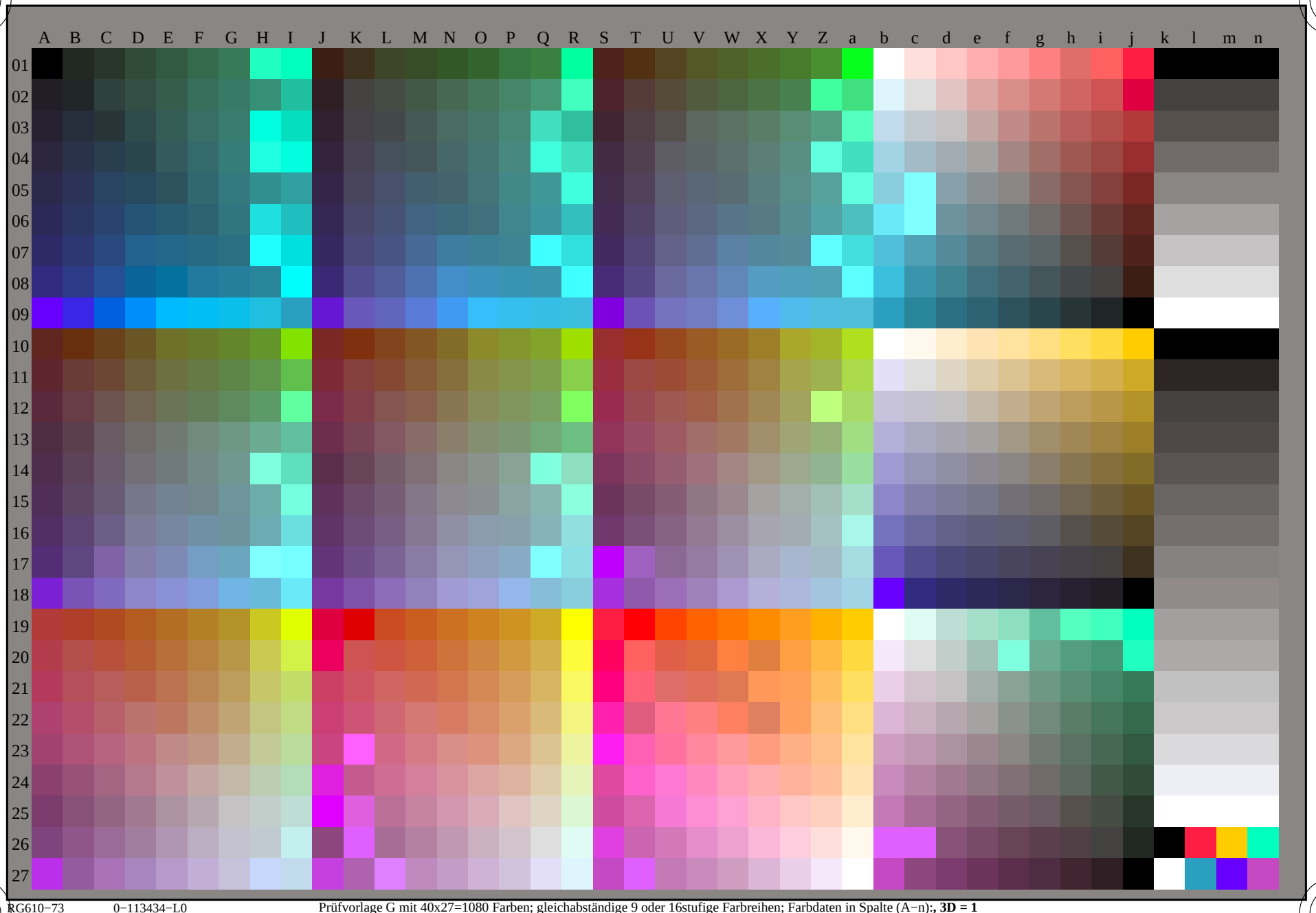

RG610−73 0−113434−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

0−113434−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
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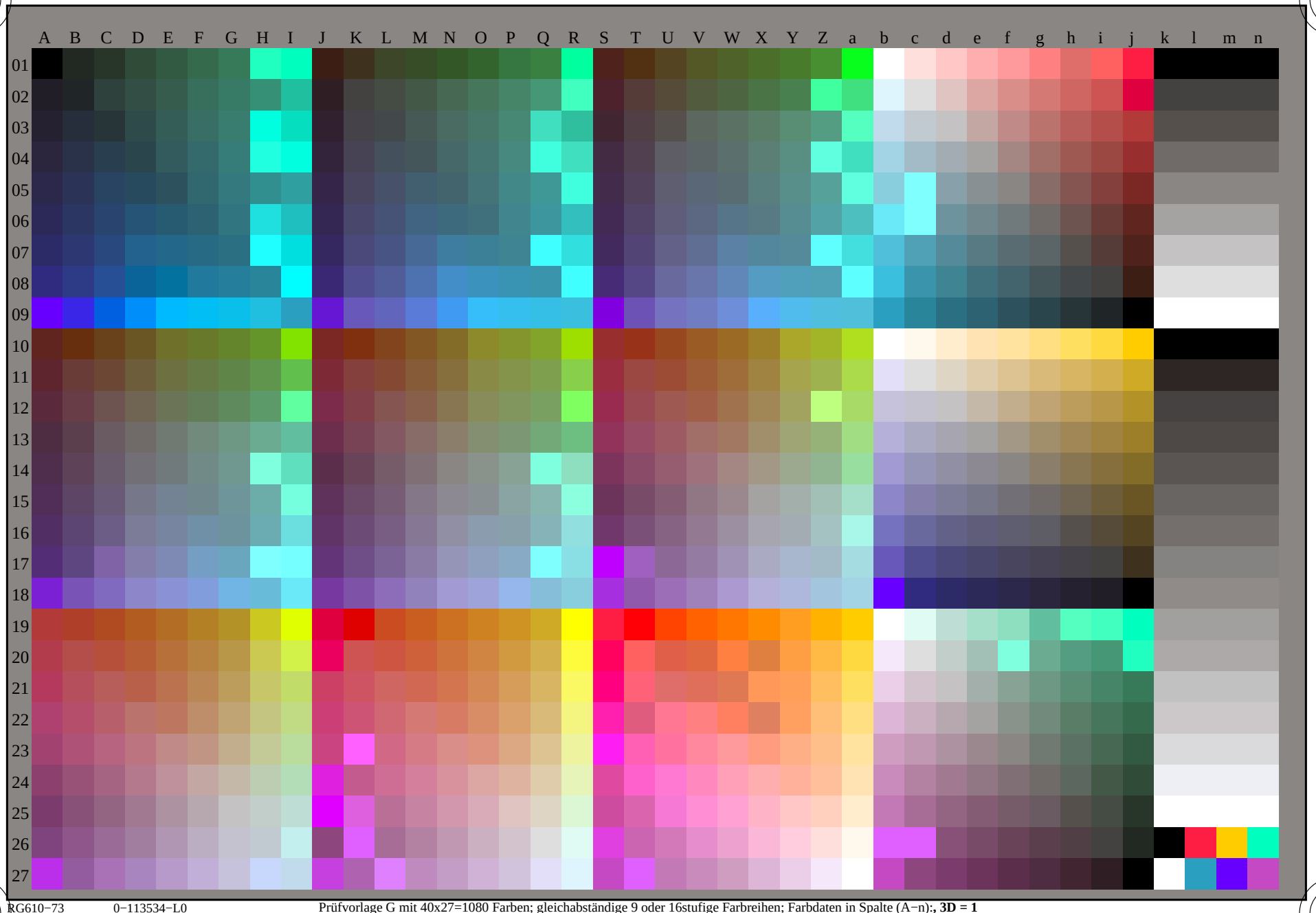
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)



RG610−73 0−113534−L0 Prüfvorlage G mit 40x27=1080 Farben; gleichabständige 9 oder 16stufige Farbreihen; Farbdaten in Spalte (A−n):, **3D = 1**

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Prüfvorlage nach DIN 33872

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

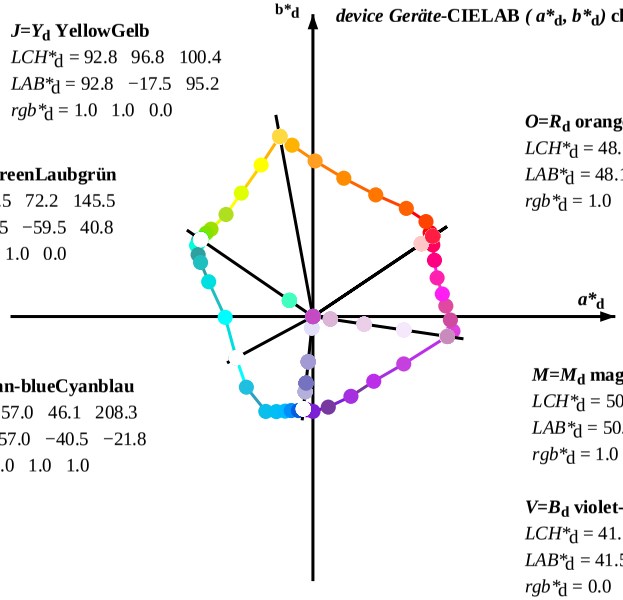
0−113534−F0

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

device Geräte-CIELAB (a^*_d, b^*_d) chroma diagram-Diagramm



J=Y_d YellowGelb
LCH^*_d = 92.8 96.8 100.4
LAB^*_d = 92.8 −17.5 95.2
rgb^*_d = 1.0 1.0 0.0

O=R_d orange-redOrangerot
LCH^*_d = 48.1 76.2 33.8
LAB^*_d = 48.1 63.3 42.5
rgb^*_d = 1.0 0.0 0.0

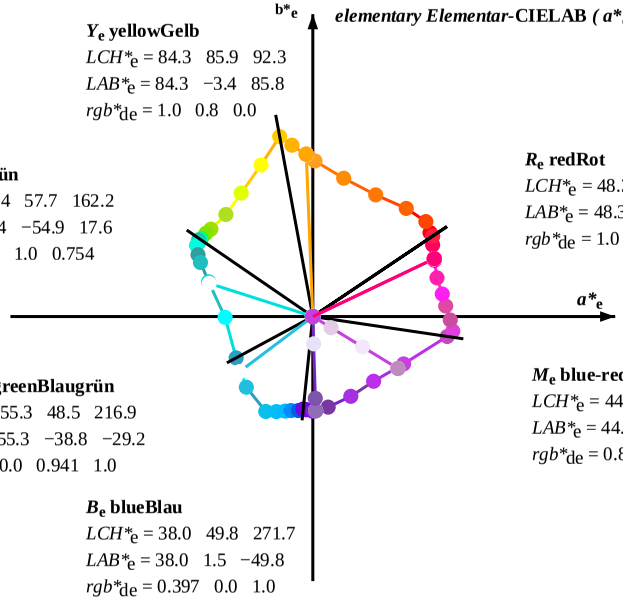
L=G_d leaf-greenLaubgrün
LCH^*_d = 58.5 72.2 145.5
LAB^*_d = 58.5 −59.5 40.8
rgb^*_d = 0.0 1.0 0.0

C=C_d cyan-blueCyanblau
LCH^*_d = 57.0 46.1 208.3
LAB^*_d = 57.0 −40.5 −21.8
rgb^*_d = 0.0 1.0 1.0

M=M_d magenta-redMagentarot
LCH^*_d = 50.1 71.8 351.5
LAB^*_d = 50.1 71.1 −10.5
rgb^*_d = 1.0 0.0 1.0

V=B_d violet-blueViolettblau
LCH^*_d = 41.5 49.2 264.0
LAB^*_d = 41.5 −5.0 −49.0
rgb^*_d = 0.0 0.0 1.0

elementary Elementar-CIELAB (a^*_e, b^*_e) chroma diagram-Diagramm



Y_e yellowGelb
LCH^*_e = 84.3 85.9 92.3
LAB^*_e = 84.3 −3.4 85.8
rgb^*_{de} = 1.0 0.8 0.0

R_e redRot
LCH^*_e = 48.3 71.1 25.4
LAB^*_e = 48.3 64.2 30.6
rgb^*_{de} = 1.0 0.0 0.237

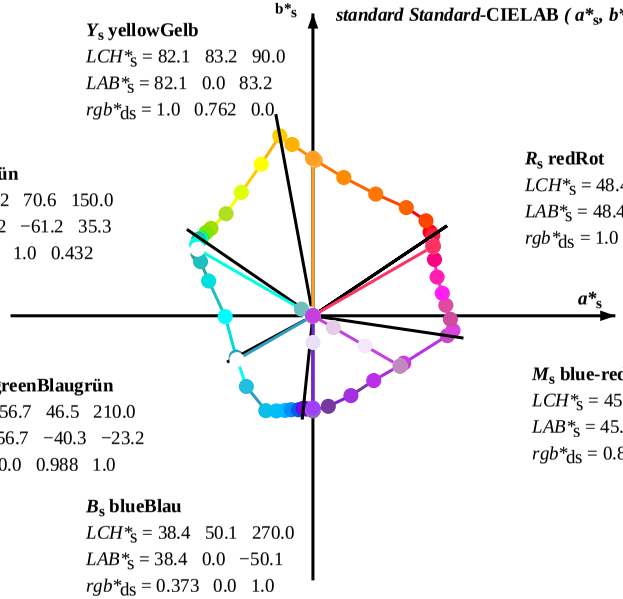
G_e greenGrün
LCH^*_e = 58.4 57.7 162.2
LAB^*_e = 58.4 −54.9 17.6
rgb^*_{de} = 0.0 1.0 0.754

C_e blue-greenBlaugrün
LCH^*_e = 55.3 48.5 216.9
LAB^*_e = 55.3 −38.8 −29.2
rgb^*_{de} = 0.0 0.941 1.0

M_e blue-redBlaurot
LCH^*_e = 44.8 52.7 328.6
LAB^*_e = 44.8 45.0 −27.4
rgb^*_{de} = 0.85 0.0 1.0

B_e blueBlau
LCH^*_e = 38.0 49.8 271.7
LAB^*_e = 38.0 1.5 −49.8
rgb^*_{de} = 0.397 0.0 1.0

standard Standard-CIELAB (a^*_s, b^*_s) chroma diagram-Diagramm



Y_s yellowGelb
LCH^*_s = 82.1 83.2 90.0
LAB^*_s = 82.1 0.0 83.2
rgb^*_{ds} = 1.0 0.762 0.0

R_s redRot
LCH^*_s = 48.4 73.4 30.0
LAB^*_s = 48.4 63.5 36.7
rgb^*_{ds} = 1.0 0.0 0.142

G_s greenGrün
LCH^*_s = 57.2 70.6 150.0
LAB^*_s = 57.2 −61.2 35.3
rgb^*_{ds} = 0.0 1.0 0.432

C_s blue-greenBlaugrün
LCH^*_s = 56.7 46.5 210.0
LAB^*_s = 56.7 −40.3 −23.2
rgb^*_{ds} = 0.0 0.988 1.0

M_s blue-redBlaurot
LCH^*_s = 45.1 53.2 330.0
LAB^*_s = 45.1 46.1 −26.6
rgb^*_{ds} = 0.859 0.0 1.0

B_s blueBlau
LCH^*_s = 38.4 50.1 270.0
LAB^*_s = 38.4 0.0 −50.1
rgb^*_{ds} = 0.373 0.0 1.0

Notes to the CIELAB chroma diagramsAnmerkung zu den CIELAB-Buntheits-Diagrammen (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

1. For the1. Für die rgb^*_d-input values the CIELAB data-Eingabedaten wurden die CIELAB−Daten LCH^*_d and und LAB^*_d have been calculated.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:

$$h_{ab,s} = atan\ [\ r^*_d\ cos(30) + g^*_d\ cos(150)\ ]\ /\ [\ r^*_d\ sin(30) + g^*_d\ sin(150) + b^*_d\ sin(270)\ ] \quad (1)$$

3. For the 48 or 360 equally spaced standard hue angles 3. Für die 48 oder 360 gleichabständig gestuften Standard-Bunttonwinkel $h_{ab,s}$ of the col
the seven hue angles of the 60 degree coloursdie sieben Bunttonwinkel der 60Grad-Farben *s:* $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 39
and the equations for a 48 and 360 step hue circle: und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:

$$h_{48ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j\ [h_{ab,si+1} - h_{ab,si}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. For the 48 or 360 elementary hue angles 4. Für die 48 oder 360 Elementar-Bunttonwinkel $h_{ab,e}$ of the colours of maximum chroma we der Far
the seven hue angles of the elementary coloursdie sieben Bunttonwinkel der Elementarfarben *e:* $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6,
and the equations for a 48 and 360 step elementary hue circle: und die Gleichungen für einen 48- und 360-stufigen Elementar-Bunttonkreis:

$$h_{48ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /8\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j\ [h_{ab,ei+1} - h_{ab,ei}\ ]\ /60\ (\ i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. For any elementary hue angle 5. Für jeden Elementar-Bunttonwinkel $h_{ab,e}$ there is a well defined device hue angle gibt es einen genau definie
see the following tables, columns 1 to 5 or 1 to 4.siehe die folgenden Tabellen, Spalten 1 bis 5 oder 1 bis 4.
6. The values 6. Die Werte rgb^*_{de} produce the output of the device-independent elementary hues erzeugen die Ausgabe der geräteunabhängigen

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TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe keine Separation (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd64M			*LAB**ddx64M (x=LabCh)					*rgb**ddx361M			*LAB**ddx361M (x=LabCh)					*rgb**dsx361M			*LAB**dsx361M (x=LabCh)					*rgb**dex361M			*LAB**dex361M					rgb*$_{dd}$	*rgb**$_{ds}$	*rgb**$_{de}$
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	33	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25			
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6	1.0	0.117	0.0	48.8	62.1	44.3	76.3	35	1.0	0.164	0.0	49.2	61.4	46.2	76.8	37	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33			
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0	1.0	0.25	0.0	49.9	59.8	50.3	78.1	40	1.0	0.318	0.0	52.8	54.3	54.3	76.8	45	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42			
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1	1.0	0.367	0.0	54.8	50.1	56.8	75.8	48	1.0	0.401	0.0	56.9	46.2	59.1	75.0	52	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49			
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6	1.0	0.5	0.0	63.5	33.3	64.4	72.5	62	1.0	0.475	0.0	61.8	36.6	63.3	73.1	60	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58			
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4	1.0	0.617	0.0	71.9	17.6	72.7	74.8	76	1.0	0.537	0.0	66.1	28.6	67.4	73.2	67	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66			
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89	1.0	0.605	0.0	71.1	19.3	72.0	74.6	75	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75			
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9	1.0	0.867	0.0	88.3	−10.1	90.2	90.7	96	1.0	0.674	0.0	76.0	10.8	77.1	77.8	82	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83			
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.9	−17.4	95.3	96.9	100	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92			
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8	0.883	1.0	0.0	84.4	−26.8	81.2	85.5	108	1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100			
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1	0.75	1.0	0.0	74.4	−37.8	65.3	75.5	120	0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109			
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4	0.633	1.0	0.0	67.8	−45.4	54.8	71.2	129	0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117			
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3	0.5	1.0	0.0	61.8	−53.8	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127			
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0	0.383	1.0	0.0	60.6	−56.2	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135			
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1	0.25	1.0	0.0	58.7	−58.9	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144			
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.133	1.0	0.0	58.5	−59.4	40.9	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152			
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5	0.0	1.0	0.0	58.5	−59.5	40.9	72.2	145	0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162			
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1	0.0	1.0	0.117	58.0	−60.3	40.5	72.7	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.797	59.0	−52.6	10.6	[illegible]	168			
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2	0.0	1.0	0.25	57.6	−60.5	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.845	59.6	−49.1	[illegible]	49.3	175			
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5	0.0	1.0	0.367	57.3	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.883	59.8	[illegible]	−1.8	46.4	182			
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6	0.0	1.0	0.5	57.1	−60.6	32.7	69.0	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.916	59.9	[illegible]	−7.6	46.3	189			
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2	0.0	1.0	0.617	57.3	−59.4	28.9	66.2	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.94	[illegible]	−44.4	−12.6	46.2	195			
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5	0.0	1.0	0.75	58.4	−55.0	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	[illegible]	57.6	−42.3	−18.2	46.2	203			
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5	0.0	1.0	0.867	59.8	−47.1	0.6	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	[illegible]	1.0	56.8	−40.3	−22.9	46.5	209			
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3	0.0	1.0	1.0	57.1	−40.5	−21.8	46.1	208	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216			
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7	0.0	0.883	1.0	53.6	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	[illegible]	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223			
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5	0.0	0.75	1.0	52.7	−24.8	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	[illegible]	225	0.0	0.846	1.0	53.[illegible]	−33.1	−40.5	52.5	230			
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9	0.0	0.633	1.0	49.6	−19.6	−50.2	54.0	248	0.0	0.836	1.0	53.1	−32.4	[illegible]	52.8	232	0.0	0.798	1.0	[illegible]	−29.4	−45.4	54.2	237			
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6	0.0	0.5	1.0	47.1	−14.6	−50.0	52.2	253	0.0	0.777	1.0	52.8	[illegible]	47.6	55.0	[illegible]	0.0	0.733	[illegible]	52.2	−24.0	−50.1	55.7	244			
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.[illegible]	−21.3	−50.[illegible]	[illegible]	247	0.0	[illegible]	1.0	48.6	−17.5	−50.2	53.2	250			
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2	0.0	0.25	1.0	43.0	−7.6	−49.6	50.3	261	0.0	0.45	1.0	[illegible]	−13.3	−49.[illegible]	[illegible]	255	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258			
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.133	1.0	41.7	−5.1	−49.0	49.4	263	0.0	0.266	1.0	42.6	−6.9	−49.5	50.0	[illegible]	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264			
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0	0.0	0.0	1.0	41.6	−5.0	−48.9	49.3	264	0.37[illegible]	0.0	1.0	38.[illegible]	0.0	−50.[illegible]	50.[illegible]	270	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271			
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1	0.117	0.0	1.0	41.0	−4.2	−49.0	49.3	265	[illegible]	0.0	1.0	37.0	6.0	[illegible]	49.0	277	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278			
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0	0.25	0.0	1.0	40.4	−3.3	−49.2	49.5	[illegible]	0.542	0.0	1.0	36.8	[illegible]	−46.2	48.0	285	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285			
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0	0.367	0.0	1.0	38.5	−0.1	−50.0	50.[illegible]	269	0.508	0.0	1.0	37.[illegible]	[illegible]	−43.6	47.2	292	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292			
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6	0.5	0.0	1.0	36.5	8.1	[illegible]	48.6	279	0.65[illegible]	0.0	1.0	[illegible]	23.4	−40.4	46.8	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300			
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4	0.617	0.0	1.0	37.3	19.[illegible]	−42.6	46.9	[illegible]	0.706	0.0	1.0	[illegible]	28.2	−37.4	46.9	307	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306			
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1	0.75	0.0	1.0	41.[illegible]	[illegible]	−34.2	[illegible]	313	0.76[illegible]	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314			
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4	0.867	0.0	1.0	[illegible]	47.0	−25.[illegible]	53.7	331	0.80[illegible]	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321			
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5	1.0	0.0	1.0	50.2	[illegible]	−10.4	71.9	[illegible]	0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328			
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0	1.0	0.0	0.883	48.[illegible]	[illegible]	−7.8	[illegible]	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335			
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5	1.0	0.0	0.75	48.3	72.7	[illegible]	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342			
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5	1.0	0.0	0.633	48.4	70.5	[illegible]	70.7	364	1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349			
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8	1.0	0.0	0.5	[illegible]	[illegible]	11.9	69.5	369	1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352			
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3	1.0	0.0	0.383	[illegible]	65.9	19.9	68.9	376	1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359			
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8	1.0	0.0	[illegible]	48.3	64.3	29.8	70.9	384	1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368			
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8	1.0	0.0	0.133	48.5	63.5	37.3	73.7	390	1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376			
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8	1.0	0.0	0.0	48.1	63.3	42.5	76.3	393	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385			

no continues hue change of device near keine kontinuierliche Bunttonänderung nahe
or oder rgb* d = 0.125, 1.0, 0.0; 0.0, 0.125, 1.0
appropriate correction doneplausible Korrektur erfolgt

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> *rgb*$_{de}$
Ausgabe: 3D-Linearisierung *rgb**$_{de}$

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

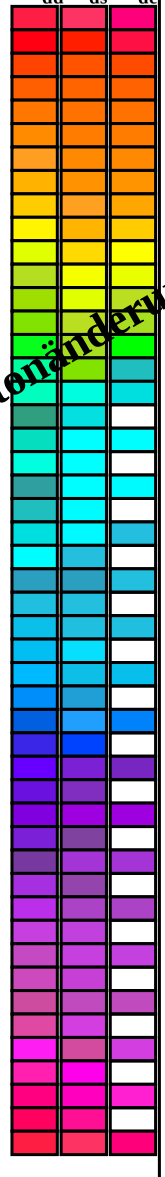
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb** dd64M			*LAB** ddx64M (x=LabCh)				
33.8	30.0	25.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33.8
35.6	37.5	33.8	1.0	0.125	0.0	48.8	62.0	44.3	76.2	35.6
40.0	45.0	42.1	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40.0
49.1	52.5	50.5	1.0	0.375	0.0	55.1	49.4	57.2	75.6	49.1
62.6	60.0	58.8	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62.6
77.4	67.5	67.2	1.0	0.625	0.0	72.5	16.3	73.1	74.9	77.4
89.2	75.0	75.6	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89.2
96.9	82.5	83.9	1.0	0.875	0.0	88.7	−11.0	90.6	91.3	96.9
100.4	90.0	92.3	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
108.8	97.5	101.0	0.875	1.0	0.0	83.7	−27.3	80.1	84.7	108.8
120.1	105.0	109.7	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120.1
130.4	112.5	118.5	0.625	1.0	0.0	67.3	−45.9	53.9	70.9	130.4
139.3	120.0	127.2	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139.3
142.0	127.5	136.0	0.375	1.0	0.0	60.5	−56.5	44.0	71.6	142.0
145.1	135.0	144.7	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145.1
145.5	142.5	153.4	0.125	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
145.5	150.0	162.2	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145.5
146.1	157.5	169.0	0.0	1.0	0.125	57.9	−60.4	40.4	72.7	146.1
147.2	165.0	175.9	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147.2
148.5	172.5	182.7	0.0	1.0	0.375	57.2	−61.5	37.6	72.1	148.5
151.6	180.0	189.6	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151.6
154.2	187.5	196.4	0.0	1.0	0.625	57.3	−59.4	28.6	65.9	154.2
161.5	195.0	203.2	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161.5
180.5	202.5	210.1	0.0	1.0	0.875	59.9	−46.4	−0.4	46.4	180.5
208.3	210.0	216.9	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208.3
226.7	217.5	223.8	0.0	0.875	1.0	53.3	−35.2	−37.3	51.3	226.7
243.5	225.0	230.6	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243.5
248.9	232.5	237.5	0.0	0.625	1.0	49.4	−19.3	−50.3	53.8	248.9
253.6	240.0	244.3	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253.6
256.9	247.5	251.2	0.0	0.375	1.0	45.3	−11.4	−49.7	51.0	256.9
261.2	255.0	258.0	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261.2
264.0	262.5	264.8	0.0	0.125	1.0	41.5	−5.0	−49.0	49.2	264.0
264.0	270.0	271.7	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264.0
265.1	277.5	278.8	0.125	0.0	1.0	40.9	−4.1	−49.0	49.2	265.1
266.0	285.0	285.9	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266.0
270.0	292.5	293.0	0.375	0.0	1.0	38.3	0.0	−50.1	50.1	270.0
279.6	300.0	300.1	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279.6
295.4	307.5	307.2	0.625	0.0	1.0	37.3	20.1	−42.2	46.7	295.4
313.1	315.0	314.3	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313.1
332.4	322.5	321.4	0.875	0.0	1.0	45.7	48.0	−25.0	54.1	332.4
351.5	330.0	328.6	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351.5
354.0	337.5	335.7	1.0	0.0	0.875	48.7	74.0	−7.7	74.4	354.0
358.5	345.0	342.8	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358.5
364.5	352.5	349.9	1.0	0.0	0.625	48.3	70.3	5.5	70.5	364.5
369.8	360.0	357.0	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369.8
377.3	367.5	364.1	1.0	0.0	0.375	48.4	65.6	20.4	68.8	377.3
384.8	375.0	371.2	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384.8
390.8	382.5	378.3	1.0	0.0	0.125	48.4	63.4	37.8	73.8	390.8
393.8	390.0	385.4	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393.8

	*rgb** dex361M			*LAB** dex361M				
33.8	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25
35.6	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33
40.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42
49.1	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49
62.6	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58
77.4	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66
89.2	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75
96.9	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83
100.4	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92
108.8	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100
120.1	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109
130.4	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117
139.3	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127
142.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135
145.1	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144
145.5	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152
145.5	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	[illegible]
146.1	0.0	1.0	0.797	59.0	−52.6	10.6	[illegible]	168
147.2	0.0	1.0	0.845	59.6	−49.1	3.5	[illegible]	175
148.5	0.0	1.0	0.883	59.8	[illegible]	[illegible]	46.4	182
151.6	0.0	1.0	0.916	59.0	[illegible]	−7.6	46.3	189
154.2	0.0	1.0	0.944	[illegible]	−44.4	−12.6	46.2	195
161.5	0.0	1.0	[illegible]	[illegible]	−42.3	−18.2	46.2	203
180.5	0.0	[illegible]	[illegible]	[illegible]	−40.3	−22.9	46.5	209
208.3	0.0	[illegible]	1.0	55.3	−38.7	−29.1	48.6	216
226.7	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223
243.5	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230
248.9	0.0	0.798	1.0	[illegible]	−29.4	−45.4	54.2	237
253.6	0.0	0.732	1.0	[illegible]	−24.0	−50.1	55.7	244
256.9	0.0	0.578	[illegible]	48.6	−17.5	−50.2	53.2	250
261.2	0.0	0.34[illegible]	1.0	44.7	−10.4	−49.7	50.9	258
264.0	[illegible]	0.0	1.0	41.4	−4.7	−49.0	49.3	264
270.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271
279.6	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278
	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285
295.4	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292
	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300
	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306
313.1	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314
	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321
	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328
332.4	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335
	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342
	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349
351.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352
358.5	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359
364.5	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368
	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376
	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385



no continues hue change of device near keine kontinuierliche Bunttonänderung nahe
or oder *rgbd* = 0.125, 1.0, 0.0; 0.0, 0.125, 0.0**
appropriate correction doneplausible Korrektur erfolgt

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
33	30	25	1.0	0.0	0.0	48.1	63.3	42.5	76.2	33	R_d	1.0	0.0	0.143	48.5	63.6	36.7	73.4	30	R_s	1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	25	R_e	1.0	0.0	0.0			
34	31	26	1.0	0.016	0.0	48.2	63.1	42.7	76.2	34		1.0	0.0	0.119	48.5	63.4	38.1	74.0	31		1.0	0.017	0.0	1.0	0.0	0.214	48.4	64.1	32.1	71.7	26		1.0	0.017	0.0			
34	32	27	1.0	0.033	0.0	48.3	62.9	43.0	76.2	34		1.0	0.0	0.077	48.3	63.4	39.6	74.8	32		1.0	0.033	0.0	1.0	0.0	0.191	48.4	64.0	33.6	72.3	27		1.0	0.033	0.0			
34	33	28	1.0	0.05	0.0	48.4	62.8	43.2	76.2	34		1.0	0.0	0.036	48.2	63.4	41.2	75.6	33		1.0	0.05	0.0	1.0	0.0	0.167	48.4	63.8	35.1	72.8	28		1.0	0.05	0.0			
34	34	29	1.0	0.066	0.0	48.4	62.6	43.5	76.2	34		1.0	0.009	0.0	48.2	63.2	42.7	76.3	34		1.0	0.067	0.0	1.0	0.0	0.144	48.5	63.6	36.6	73.4	29		1.0	0.067	0.0			
35	35	31	1.0	0.083	0.0	48.5	62.4	43.7	76.2	35		1.0	0.082	0.0	48.6	62.5	43.7	76.3	35		1.0	0.083	0.0	1.0	0.0	0.117	48.5	63.4	38.2	74.0	31		1.0	0.083	0.0			
35	36	32	1.0	0.1	0.0	48.6	62.2	44.0	76.2	35		1.0	0.136	0.0	48.9	61.8	44.9	76.4	36		1.0	0.1	0.0	1.0	0.0	0.071	48.3	63.4	39.9	74.9	32		1.0	0.1	0.0			
35	37	33	1.0	0.116	0.0	48.7	62.0	44.2	76.2	35		1.0	0.164	0.0	49.2	61.4	46.2	76.8	37		1.0	0.117	0.0	1.0	0.0	0.025	48.2	63.4	41.6	75.8	33		1.0	0.117	0.0			
35	38	34	1.0	0.133	0.0	48.8	61.8	44.7	76.3	35		1.0	0.193	0.0	49.4	60.9	47.6	77.3	38		1.0	0.133	0.0	1.0	0.037	0.0	48.3	63.0	43.1	76.3	34		1.0	0.133	0.0			
36	39	35	1.0	0.15	0.0	49.0	61.6	45.5	76.6	36		1.0	0.221	0.0	49.7	60.4	48.9	77.7	39		1.0	0.15	0.0	1.0	0.118	0.0	48.8	62.1	44.3	76.3	35		1.0	0.15	0.0			
37	40	36	1.0	0.166	0.0	49.1	61.3	46.3	76.8	37		1.0	0.249	0.0	49.9	59.8	50.2	78.1	40		1.0	0.167	0.0	1.0	0.154	0.0	49.1	61.6	45.7	76.7	36		1.0	0.167	0.0			
37	41	37	1.0	0.183	0.0	49.3	61.0	47.1	77.1	37		1.0	0.263	0.0	50.5	58.8	51.1	77.9	41		1.0	0.183	0.0	1.0	0.185	0.0	49.4	61.0	47.2	77.2	37		1.0	0.183	0.0			
38	42	38	1.0	0.2	0.0	49.4	60.7	47.9	77.3	38		1.0	0.277	0.0	51.1	57.7	51.9	77.6	42		1.0	0.2	0.0	1.0	0.216	0.0	49.6	60.5	48.7	77.6	38		1.0	0.2	0.0			
38	43	39	1.0	0.216	0.0	49.6	60.4	48.7	77.6	38		1.0	0.29	0.0	51.6	56.6	52.7	77.3	43		1.0	0.217	0.0	1.0	0.248	0.0	49.9	59.9	50.2	78.1	39		1.0	0.217	0.0			
39	44	41	1.0	0.233	0.0	49.7	60.1	49.4	77.8	39		1.0	0.304	0.0	52.2	55.4	53.5	77.0	44		1.0	0.233	0.0	1.0	0.264	0.0	50.5	58.7	51.2	77.9	41		1.0	0.233	0.0			
40	45	42	1.0	0.25	0.0	49.9	59.8	50.2	78.1	40		1.0	0.318	0.0	52.8	54.3	54.3	76.8	45		1.0	0.25	0.0	1.0	0.279	0.0	51.2	57.5	52.1	77.5	42		1.0	0.25	0.0			
41	46	43	1.0	0.266	0.0	50.6	58.4	51.3	77.8	41		1.0	0.331	0.0	53.4	53.1	55.0	76.5	46		1.0	0.267	0.0	1.0	0.295	0.0	51.8	56.2	53.0	77.2	43		1.0	0.267	0.0			
42	47	44	1.0	0.283	0.0	51.3	57.1	52.3	77.4	42		1.0	0.345	0.0	53.9	52.0	55.7	76.2	47		1.0	0.283	0.0	1.0	0.31	0.0	52.5	55.0	53.8	76.9	44		1.0	0.283	0.0			
43	48	45	1.0	0.3	0.0	52.0	55.7	53.2	77.1	43		1.0	0.359	0.0	54.5	50.8	56.4	76.0	48		1.0	0.3	0.0	1.0	0.325	0.0	53.1	53.7	54.7	76.6	45		1.0	0.3	0.0			
44	49	46	1.0	0.316	0.0	52.7	54.3	54.2	76.7	44		1.0	0.372	0.0	55.1	49.6	57.1	75.7	49		1.0	0.317	0.0	1.0	0.34	0.0	53.7	52.4	55.5	76.3	46		1.0	0.317	0.0			
46	50	47	1.0	0.333	0.0	53.4	52.9	55.1	76.4	46		1.0	0.382	0.0	55.7	48.5	57.8	75.4	50		1.0	0.333	0.0	1.0	0.355	0.0	54.4	51.1	56.3	76.0	47		1.0	0.333	0.0			
47	51	48	1.0	0.35	0.0	54.1	51.5	56.0	76.1	47		1.0	0.392	0.0	56.3	47.3	58.4	75.2	51		1.0	0.35	0.0	1.0	0.371	0.0	55.0	49.8	57.0	75.7	48		1.0	0.35	0.0			
48	52	49	1.0	0.366	0.0	54.8	50.1	56.8	75.7	48		1.0	0.401	0.0	56.9	46.2	59.1	75.0	52		1.0	0.367	0.0	1.0	0.382	0.0	55.7	48.5	57.8	75.4	49		1.0	0.367	0.0			
50	53	51	1.0	0.383	0.0	55.7	48.3	57.8	75.4	50		1.0	0.41	0.0	57.5	45.0	59.7	74.7	53		1.0	0.383	0.0	1.0	0.393	0.0	56.4	47.2	58.5	75.2	51		1.0	0.383	0.0			
51	54	52	1.0	0.4	0.0	56.8	46.2	59.0	74.9	51		1.0	0.42	0.0	58.1	43.8	60.3	74.5	54		1.0	0.4	0.0	1.0	0.403	0.0	57.0	45.9	59.2	74.9	52		1.0	0.4	0.0			
53	55	53	1.0	0.416	0.0	57.9	44.1	60.0	74.5	53		1.0	0.429	0.0	58.8	42.6	60.8	74.3	55		1.0	0.417	0.0	1.0	0.413	0.0	57.7	44.6	59.9	74.7	53		1.0	0.417	0.0			
55	56	54	1.0	0.433	0.0	59.0	42.0	61.1	74.1	55		1.0	0.438	0.0	59.4	41.4	61.4	74.0	56		1.0	0.433	0.0	1.0	0.424	0.0	58.4	43.3	60.5	74.4	54		1.0	0.433	0.0			
57	57	55	1.0	0.45	0.0	60.1	39.8	62.0	73.7	57		1.0	0.447	0.0	60.0	40.2	61.9	73.8	57		1.0	0.45	0.0	1.0	0.434	0.0	59.1	41.9	61.1	74.1	55		1.0	0.45	0.0			
59	58	56	1.0	0.466	0.0	61.2	37.6	62.8	73.3	59		1.0	0.457	0.0	60.6	39.0	62.4	73.6	58		1.0	0.467	0.0	1.0	0.444	0.0	59.8	40.6	61.7	73.9	56		1.0	0.467	0.0			
60	59	57	1.0	0.483	0.0	62.3	35.4	63.6	72.8	60		1.0	0.466	0.0	61.2	37.8	62.9	73.3	59		1.0	0.483	0.0	1.0	0.455	0.0	60.5	39.2	62.3	73.6	57		1.0	0.483	0.0			
62	60	58	1.0	0.5	0.0	63.4	33.2	64.3	72.4	62		1.0	0.475	0.0	61.8	36.6	63.3	73.1	60		1.0	0.5	0.0	1.0	0.465	0.0	61.1	37.9	62.8	73.4	58		1.0	0.5	0.0			
64	61	60	1.0	0.516	0.0	64.6	31.1	65.7	72.8	64		1.0	0.484	0.0	62.4	35.3	63.7	72.9	61		1.0	0.517	0.0	1.0	0.475	0.0	61.8	36.5	63.3	73.1	60		1.0	0.517	0.0			
66	62	61	1.0	0.533	0.0	65.8	29.0	67.1	73.1	66		1.0	0.494	0.0	63.1	34.1	64.1	72.6	62		1.0	0.533	0.0	1.0	0.486	0.0	62.5	35.2	63.8	72.8	61		1.0	0.533	0.0			
68	63	62	1.0	0.55	0.0	67.1	26.8	68.3	73.4	68		1.0	0.503	0.0	63.7	32.9	64.6	72.5	63		1.0	0.55	0.0	1.0	0.496	0.0	63.2	33.8	64.2	72.6	62		1.0	0.55	0.0			
70	64	63	1.0	0.566	0.0	68.3	24.5	69.5	73.8	70		1.0	0.511	0.0	64.3	31.9	65.3	72.7	64		1.0	0.567	0.0	1.0	0.506	0.0	63.9	32.6	64.9	72.6	63		1.0	0.567	0.0			
72	65	64	1.0	0.583	0.0	69.5	22.2	70.7	74.1	72		1.0	0.52	0.0	64.9	30.8	66.0	72.9	65		1.0	0.583	0.0	1.0	0.515	0.0	64.6	31.4	65.7	72.8	64		1.0	0.583	0.0			
74	66	65	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74		1.0	0.528	0.0	65.5	29.7	66.7	73.0	66		1.0	0.6	0.0	1.0	0.525	0.0	65.3	30.2	66.4	73.0	65		1.0	0.6	0.0			
76	67	66	1.0	0.616	0.0	71.9	17.5	72.7	74.8	76		1.0	0.537	0.0	66.1	28.6	67.4	73.2	67		1.0	0.617	0.0	1.0	0.534	0.0	65.9	28.9	67.2	73.2	66		1.0	0.617	0.0			
78	68	67	1.0	0.633	0.0	73.1	15.4	73.8	75.4	78		1.0	0.545	0.0	66.7	27.5	68.0	73.4	68		1.0	0.633	0.0	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67		1.0	0.633	0.0			
79	69	68	1.0	0.65	0.0	74.3	13.5	75.2	76.4	79		1.0	0.554	0.0	67.4	26.4	68.7	73.5	69		1.0	0.65	0.0	1.0	0.553	0.0	67.3	26.4	68.6	73.5	68		1.0	0.65	0.0			
81	70	70	1.0	0.666	0.0	75.4	11.6	76.5	77.4	81		1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0	1.0	0.562	0.0	68.0	25.2	69.3	73.7	70		1.0	0.667	0.0			
82	71	71	1.0	0.683	0.0	76.6	9.6	77.8	78.4	82		1.0	0.571	0.0	68.6	24.1	69.9	73.9	71		1.0	0.683	0.0	1.0	0.572	0.0	68.7	23.9	69.9	73.9	71		1.0	0.683	0.0			
84	72	72	1.0	0.7	0.0	77.8	7.6	79.0	79.3	84		1.0	0.579	0.0	69.2	22.9	70.4	74.1	72		1.0	0.7	0.0	1.0	0.581	0.0	69.4	22.6	70.6	74.1	72		1.0	0.7	0.0			
86	73	73	1.0	0.716	0.0	79.0	5.5	80.1	80.3	86		1.0	0.588	0.0	69.8	21.7	71.0	74.2	73		1.0	0.717	0.0	1.0	0.591	0.0	70.1	21.3	71.2	74.3	73		1.0	0.717	0.0			
87	74	74	1.0	0.733	0.0	80.1	3.3	81.2	81.3	87		1.0	0.596	0.0	70.5	20.5	71.5	74.4	74		1.0	0.733	0.0	1.0	0.6	0.0	70.8	19.9	71.8	74.5	74		1.0	0.733	0.0			
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89		1.0	0.605	0.0	71.1	19.3	72.0	74.6	75		1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75		1.0	0.75	0.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
89	75	75	1.0	0.75	0.0	81.3	1.1	82.3	82.3	89	1.0	0.605	0.0	71.1	19.3	72.0	74.6	75	1.0	0.75	0.0	1.0	0.61	0.0	71.4	18.6	72.3	74.7	75	1.0	0.75	0.0
90	76	76	1.0	0.766	0.0	82.3	−0.3	83.5	83.5	90	1.0	0.613	0.0	71.7	18.1	72.5	74.7	76	1.0	0.767	0.0	1.0	0.619	0.0	72.1	17.2	72.9	74.9	76	1.0	0.767	0.0
91	77	77	1.0	0.783	0.0	83.3	−1.8	84.7	84.7	91	1.0	0.622	0.0	72.3	16.9	73.0	74.9	77	1.0	0.783	0.0	1.0	0.629	0.0	72.9	15.9	73.5	75.2	77	1.0	0.783	0.0
92	78	78	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92	1.0	0.631	0.0	73.0	15.7	73.7	75.3	78	1.0	0.8	0.0	1.0	0.641	0.0	73.7	14.6	74.5	75.9	78	1.0	0.8	0.0
93	79	80	1.0	0.816	0.0	85.3	−5.0	86.9	87.1	93	1.0	0.642	0.0	73.7	14.5	74.6	76.0	79	1.0	0.817	0.0	1.0	0.653	0.0	74.5	13.2	75.5	76.6	80	1.0	0.817	0.0
94	80	81	1.0	0.833	0.0	86.2	−6.7	88.0	88.3	94	1.0	0.652	0.0	74.5	13.3	75.4	76.6	80	1.0	0.833	0.0	1.0	0.665	0.0	75.4	11.9	76.4	77.3	81	1.0	0.833	0.0
95	81	82	1.0	0.85	0.0	87.2	−8.4	89.1	89.5	95	1.0	0.663	0.0	75.2	12.1	76.3	77.2	81	1.0	0.85	0.0	1.0	0.677	0.0	76.2	10.5	77.3	78.0	82	1.0	0.85	0.0
96	82	83	1.0	0.866	0.0	88.2	−10.1	90.1	90.7	96	1.0	0.674	0.0	76.0	10.8	77.1	77.8	82	1.0	0.867	0.0	1.0	0.689	0.0	77.0	9.0	78.2	78.7	83	1.0	0.867	0.0
97	83	84	1.0	0.883	0.0	89.0	−11.4	90.9	91.7	97	1.0	0.684	0.0	76.7	9.6	77.9	78.5	83	1.0	0.883	0.0	1.0	0.7	0.0	77.9	7.6	79.0	79.4	84	1.0	0.883	0.0
97	84	85	1.0	0.9	0.0	89.5	−12.2	91.6	92.4	97	1.0	0.695	0.0	77.5	8.3	78.7	79.1	84	1.0	0.9	0.0	1.0	0.712	0.0	78.7	6.1	79.9	80.1	85	1.0	0.9	0.0
98	85	86	1.0	0.916	0.0	90.1	−13.1	92.2	93.1	98	1.0	0.705	0.0	78.2	6.9	79.4	79.7	85	1.0	0.917	0.0	1.0	0.724	0.0	79.5	4.6	80.7	80.8	86	1.0	0.917	0.0
98	86	87	1.0	0.933	0.0	90.6	−14.0	92.8	93.9	98	1.0	0.716	0.0	79.0	5.6	80.1	80.3	86	1.0	0.933	0.0	1.0	0.736	0.0	80.3	3.0	81.4	81.5	87	1.0	0.933	0.0
99	87	88	1.0	0.95	0.0	91.2	−14.8	93.4	94.6	99	1.0	0.727	0.0	79.7	4.2	80.8	81.0	87	1.0	0.95	0.0	1.0	0.748	0.0	81.2	1.5	82.2	82.2	88	1.0	0.95	0.0
99	88	90	1.0	0.966	0.0	91.7	−15.7	94.0	95.4	99	1.0	0.737	0.0	80.4	2.8	81.5	81.6	88	1.0	0.967	0.0	1.0	0.764	0.0	82.2	0.0	83.4	83.4	90	1.0	0.967	0.0
99	89	91	1.0	0.983	0.0	92.3	−16.6	94.6	96.1	99	1.0	0.748	0.0	81.2	1.4	82.2	82.2	89	1.0	0.983	0.0	1.0	0.782	0.0	83.3	−1.7	84.6	84.7	91	1.0	0.983	0.0
100	90	92	1.0	1.0	0.0	92.8	−17.5	95.2	96.8	100 Y_d	1.0	0.763	0.0	82.1	0.0	83.3	83.3	90 Y_s	1.0	1.0	0.0	1.0	0.8	0.0	84.3	−3.4	85.9	85.9	92 Y_e	1.0	1.0	0.0
101	91	93	0.983	1.0	0.0	91.6	−19.0	93.3	95.2	101	1.0	0.779	0.0	83.1	−1.4	84.4	84.4	91	0.983	1.0	0.0	1.0	0.819	0.0	85.4	−5.2	87.1	87.3	93	0.983	1.0	0.0
102	92	94	0.966	1.0	0.0	90.4	−20.5	91.3	93.6	102	1.0	0.795	0.0	84.0	−2.9	85.5	85.6	92	0.967	1.0	0.0	1.0	0.838	0.0	86.6	−7.1	88.4	88.7	94	0.967	1.0	0.0
103	93	95	0.95	1.0	0.0	89.2	−21.9	89.3	92.0	103	1.0	0.811	0.0	85.0	−4.4	86.6	86.7	93	0.95	1.0	0.0	1.0	0.857	0.0	87.7	−9.0	89.5	90.0	95	0.95	1.0	0.0
104	94	96	0.933	1.0	0.0	88.0	−23.2	87.3	90.4	104	1.0	0.827	0.0	85.9	−6.0	87.7	87.9	94	0.933	1.0	0.0	1.0	0.876	0.0	88.8	−11.0	90.7	91.4	96	0.933	1.0	0.0
106	95	98	0.916	1.0	0.0	86.8	−24.5	85.3	88.7	106	1.0	0.844	0.0	86.9	−7.7	88.7	89.1	95	0.917	1.0	0.0	1.0	0.918	0.0	90.2	−13.1	92.3	93.2	98	0.917	1.0	0.0
107	96	99	0.9	1.0	0.0	85.5	−25.7	83.2	87.1	107	1.0	0.86	0.0	87.9	−9.3	89.7	90.2	96	0.9	1.0	0.0	1.0	0.96	0.0	91.5	−15.3	93.8	95.1	99	0.9	1.0	0.0
108	97	100	0.883	1.0	0.0	84.3	−26.8	81.2	85.5	108	1.0	0.877	0.0	88.8	−11.0	90.7	91.4	97	0.883	1.0	0.0	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100	0.883	1.0	0.0
109	98	101	0.866	1.0	0.0	83.1	−28.2	79.2	84.1	109	1.0	0.913	0.0	90.0	−12.8	92.1	93.0	98	0.867	1.0	0.0	0.982	1.0	0.0	91.6	−19.1	93.2	95.2	101	0.867	1.0	0.0
111	99	102	0.85	1.0	0.0	81.9	−29.8	77.3	82.8	111	1.0	0.949	0.0	91.2	−14.7	93.4	94.6	99	0.85	1.0	0.0	0.965	1.0	0.0	90.3	−20.6	91.1	93.5	102	0.85	1.0	0.0
112	100	103	0.833	1.0	0.0	80.6	−31.4	75.3	81.6	112	1.0	0.985	0.0	92.3	−16.6	94.7	96.2	100	0.833	1.0	0.0	0.948	1.0	0.0	89.0	−22.1	89.1	91.8	103	0.833	1.0	0.0
114	101	105	0.816	1.0	0.0	79.4	−32.8	73.4	80.4	114	0.992	1.0	0.0	92.2	−18.2	94.3	96.1	101	0.817	1.0	0.0	0.93	1.0	0.0	87.8	−23.4	87.0	90.1	105	0.817	1.0	0.0
115	102	106	0.8	1.0	0.0	78.1	−34.2	71.4	79.1	115	0.977	1.0	0.0	91.2	−19.6	92.6	94.6	102	0.8	1.0	0.0	0.913	1.0	0.0	86.5	−24.7	84.9	88.4	106	0.8	1.0	0.0
117	103	107	0.783	1.0	0.0	76.9	−35.5	69.3	77.9	117	0.962	1.0	0.0	90.1	−20.9	90.8	93.2	103	0.783	1.0	0.0	0.896	1.0	0.0	85.3	−25.9	82.7	86.7	107	0.783	1.0	0.0
118	104	108	0.766	1.0	0.0	75.6	−36.7	67.3	76.7	118	0.947	1.0	0.0	89.0	−22.1	89.0	91.7	104	0.767	1.0	0.0	0.878	1.0	0.0	84.0	−27.1	80.6	85.1	108	0.767	1.0	0.0
120	105	109	0.75	1.0	0.0	74.4	−37.9	65.2	75.5	120	0.932	1.0	0.0	87.9	−23.3	87.2	90.3	105	0.75	1.0	0.0	0.865	1.0	0.0	83.0	−28.3	79.0	84.0	109	0.75	1.0	0.0
121	106	110	0.733	1.0	0.0	73.4	−39.1	63.8	74.8	121	0.917	1.0	0.0	86.9	−24.4	85.4	88.9	106	0.733	1.0	0.0	0.852	1.0	0.0	82.0	−29.6	77.5	83.0	110	0.733	1.0	0.0
122	107	112	0.716	1.0	0.0	72.5	−40.3	62.3	74.2	122	0.903	1.0	0.0	85.8	−25.5	83.6	87.4	107	0.717	1.0	0.0	0.839	1.0	0.0	81.1	−30.8	76.0	82.1	112	0.717	1.0	0.0
124	108	113	0.7	1.0	0.0	71.5	−41.4	60.8	73.6	124	0.888	1.0	0.0	84.7	−26.5	81.8	86.0	108	0.7	1.0	0.0	0.826	1.0	0.0	80.1	−32.0	74.5	81.1	113	0.7	1.0	0.0
125	109	114	0.683	1.0	0.0	70.6	−42.5	59.3	73.0	125	0.873	1.0	0.0	83.7	−27.4	80.0	84.6	109	0.683	1.0	0.0	0.813	1.0	0.0	79.1	−33.1	73.0	80.2	114	0.683	1.0	0.0
126	110	115	0.666	1.0	0.0	69.6	−43.5	57.8	72.4	126	0.862	1.0	0.0	82.8	−28.6	78.7	83.8	110	0.667	1.0	0.0	0.8	1.0	0.0	78.2	−34.1	71.4	79.2	115	0.667	1.0	0.0
128	111	116	0.65	1.0	0.0	68.7	−44.5	56.3	71.8	128	0.851	1.0	0.0	82.0	−29.6	77.5	83.0	111	0.65	1.0	0.0	0.787	1.0	0.0	77.2	−35.2	69.9	78.2	116	0.65	1.0	0.0
129	112	117	0.633	1.0	0.0	67.7	−45.5	54.7	71.2	129	0.84	1.0	0.0	81.2	−30.7	76.2	82.2	112	0.633	1.0	0.0	0.774	1.0	0.0	76.2	−36.1	68.3	77.3	117	0.633	1.0	0.0
131	113	119	0.616	1.0	0.0	66.9	−46.5	53.5	70.9	131	0.829	1.0	0.0	80.3	−31.7	74.9	81.3	113	0.617	1.0	0.0	0.761	1.0	0.0	75.3	−37.0	66.7	76.3	119	0.617	1.0	0.0
132	114	120	0.6	1.0	0.0	66.2	−47.6	52.5	70.9	132	0.818	1.0	0.0	79.5	−32.7	73.6	80.5	114	0.6	1.0	0.0	0.748	1.0	0.0	74.3	−37.9	65.2	75.4	120	0.6	1.0	0.0
133	115	121	0.583	1.0	0.0	65.4	−48.7	51.5	70.9	133	0.807	1.0	0.0	78.7	−33.6	72.2	79.7	115	0.583	1.0	0.0	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121	0.583	1.0	0.0
134	116	122	0.566	1.0	0.0	64.7	−49.8	50.5	70.9	134	0.796	1.0	0.0	77.9	−34.5	70.9	78.9	116	0.567	1.0	0.0	0.72	1.0	0.0	72.7	−40.0	62.7	74.4	122	0.567	1.0	0.0
135	117	123	0.55	1.0	0.0	63.9	−50.8	49.4	70.9	135	0.785	1.0	0.0	77.0	−35.3	69.6	78.1	117	0.55	1.0	0.0	0.706	1.0	0.0	71.9	−41.0	61.4	73.9	123	0.55	1.0	0.0
136	118	124	0.533	1.0	0.0	63.2	−51.9	48.4	71.0	136	0.774	1.0	0.0	76.2	−36.2	68.2	77.3	118	0.533	1.0	0.0	0.692	1.0	0.0	71.1	−41.9	60.1	73.4	124	0.533	1.0	0.0
138	119	126	0.516	1.0	0.0	62.5	−52.9	47.3	71.0	138	0.763	1.0	0.0	75.4	−37.0	66.8	76.4	119	0.517	1.0	0.0	0.677	1.0	0.0	70.3	−42.8	58.9	72.8	126	0.517	1.0	0.0
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	0.5	1.0	0.0

*rgb**$_{dd}$ *rgb**$_{ds}$ *rgb**$_{de}$

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

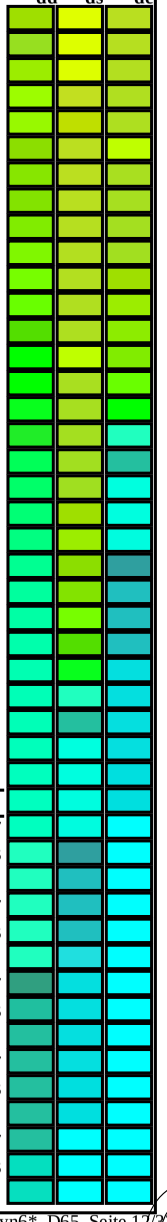
TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi		
139	120	127	0.5	1.0	0.0	61.7	−53.9	46.2	71.0	139	0.752	1.0	0.0	74.5	−37.7	65.5	75.6	120	0.5	1.0	0.0	0.663	1.0	0.0	69.5	−43.7	57.6	72.3	127	0.5	1.0	0.0
139	121	128	0.483	1.0	0.0	61.5	−54.2	45.9	71.1	139	0.74	1.0	0.0	73.8	−38.6	64.4	75.1	121	0.483	1.0	0.0	0.649	1.0	0.0	68.7	−44.5	56.2	71.8	128	0.483	1.0	0.0
140	122	129	0.466	1.0	0.0	61.4	−54.6	45.6	71.2	140	0.727	1.0	0.0	73.1	−39.5	63.3	74.7	122	0.467	1.0	0.0	0.635	1.0	0.0	67.9	−45.3	54.9	71.3	129	0.467	1.0	0.0
140	123	130	0.45	1.0	0.0	61.2	−54.9	45.4	71.2	140	0.715	1.0	0.0	72.4	−40.3	62.3	74.2	123	0.45	1.0	0.0	0.62	1.0	0.0	67.1	−46.2	53.7	70.9	130	0.45	1.0	0.0
140	124	131	0.433	1.0	0.0	61.0	−55.3	45.1	71.3	140	0.703	1.0	0.0	71.8	−41.2	61.2	73.8	124	0.433	1.0	0.0	0.604	1.0	0.0	66.4	−47.3	52.8	70.9	131	0.433	1.0	0.0
141	125	133	0.416	1.0	0.0	60.9	−55.6	44.8	71.4	141	0.691	1.0	0.0	71.1	−42.0	60.1	73.3	125	0.417	1.0	0.0	0.588	1.0	0.0	65.7	−48.4	51.8	71.0	133	0.417	1.0	0.0
141	126	134	0.4	1.0	0.0	60.7	−56.0	44.5	71.5	141	0.679	1.0	0.0	70.4	−42.7	59.0	72.9	126	0.4	1.0	0.0	0.571	1.0	0.0	64.9	−49.4	50.8	71.0	134	0.4	1.0	0.0
141	127	135	0.383	1.0	0.0	60.5	−56.3	44.2	71.6	141	0.667	1.0	0.0	69.7	−43.5	57.9	72.4	127	0.383	1.0	0.0	0.555	1.0	0.0	64.2	−50.5	49.8	71.0	135	0.383	1.0	0.0
142	128	136	0.366	1.0	0.0	60.3	−56.6	43.9	71.6	142	0.654	1.0	0.0	69.0	−44.2	56.7	72.0	128	0.367	1.0	0.0	0.539	1.0	0.0	63.5	−51.5	48.8	71.0	136	0.367	1.0	0.0
142	129	137	0.35	1.0	0.0	60.1	−57.0	43.5	71.7	142	0.642	1.0	0.0	68.3	−44.9	55.6	71.5	129	0.35	1.0	0.0	0.523	1.0	0.0	62.8	−52.5	47.7	71.0	137	0.35	1.0	0.0
143	130	138	0.333	1.0	0.0	59.8	−57.3	43.1	71.7	143	0.63	1.0	0.0	67.6	−45.6	54.5	71.1	130	0.333	1.0	0.0	0.507	1.0	0.0	62.1	−53.4	46.7	71.0	138	0.333	1.0	0.0
143	131	140	0.316	1.0	0.0	59.6	−57.7	42.7	71.8	143	0.617	1.0	0.0	67.0	−46.4	53.5	70.9	131	0.317	1.0	0.0	0.467	1.0	0.0	61.4	−54.5	45.7	71.2	140	0.317	1.0	0.0
143	132	141	0.3	1.0	0.0	59.3	−58.0	42.3	71.8	143	0.603	1.0	0.0	66.3	−47.4	52.7	70.9	132	0.3	1.0	0.0	0.412	1.0	0.0	60.9	−55.7	44.7	71.5	141	0.3	1.0	0.0
144	133	142	0.283	1.0	0.0	59.1	−58.3	41.9	71.8	144	0.589	1.0	0.0	65.7	−48.3	51.9	71.0	133	0.283	1.0	0.0	0.36	1.0	0.0	60.3	−56.7	43.7	71.7	142	0.283	1.0	0.0
144	134	143	0.266	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.575	1.0	0.0	65.1	−49.2	51.0	71.0	134	0.267	1.0	0.0	0.312	1.0	0.0	59.6	−57.7	42.6	71.8	143	0.267	1.0	0.0
145	135	144	0.25	1.0	0.0	58.6	−59.0	41.1	71.9	145	0.561	1.0	0.0	64.5	−50.1	50.2	71.0	135	0.25	1.0	0.0	0.265	1.0	0.0	58.9	−58.6	41.5	71.9	144	0.25	1.0	0.0
145	136	145	0.233	1.0	0.0	58.6	−59.0	41.0	71.9	145	0.547	1.0	0.0	63.9	−51.0	49.3	71.0	136	0.233	1.0	0.0	0.0	1.0	0.07	58.2	−59.9	40.6	72.5	145	0.233	1.0	0.0
145	137	147	0.216	1.0	0.0	58.6	−59.1	41.0	72.0	145	0.533	1.0	0.0	63.2	−51.8	48.4	71.0	137	0.217	1.0	0.0	0.0	1.0	0.226	57.7	−60.5	39.2	72.2	147	0.217	1.0	0.0
145	138	148	0.2	1.0	0.0	58.5	−59.2	41.0	72.0	145	0.519	1.0	0.0	62.6	−52.7	47.5	71.0	138	0.2	1.0	0.0	0.0	1.0	0.343	57.3	−61.2	38.0	72.1	148	0.2	1.0	0.0
145	139	149	0.183	1.0	0.0	58.5	−59.3	40.9	72.0	145	0.505	1.0	0.0	62.0	−53.5	46.6	71.0	139	0.183	1.0	0.0	0.0	1.0	0.409	57.2	−61.3	36.3	71.3	149	0.183	1.0	0.0
145	140	150	0.166	1.0	0.0	58.5	−59.3	40.9	72.1	145	0.471	1.0	0.0	61.5	−54.4	45.8	71.2	140	0.167	1.0	0.0	0.0	1.0	0.455	57.2	−61.0	34.4	70.1	150	0.167	1.0	0.0
145	141	151	0.15	1.0	0.0	58.5	−59.4	40.9	72.1	145	0.424	1.0	0.0	61.0	−55.4	45.0	71.4	141	0.15	1.0	0.0	0.0	1.0	0.502	57.1	−60.6	32.6	68.9	151	0.15	1.0	0.0
145	142	152	0.133	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.377	1.0	0.0	60.5	−56.4	44.1	71.7	142	0.133	1.0	0.0	0.0	1.0	0.558	57.2	−60.1	30.8	67.6	152	0.133	1.0	0.0
145	143	154	0.116	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.336	1.0	0.0	59.9	−57.2	43.2	71.8	143	0.117	1.0	0.0	0.0	1.0	0.614	57.3	−59.5	29.0	66.2	154	0.117	1.0	0.0
145	144	155	0.1	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.296	1.0	0.0	59.3	−58.0	42.2	71.8	144	0.1	1.0	0.0	0.0	1.0	0.641	57.5	−58.9	27.2	64.9	155	0.1	1.0	0.0
145	145	156	0.083	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.255	1.0	0.0	58.7	−58.8	41.3	71.9	145	0.083	1.0	0.0	0.0	1.0	0.661	57.6	−58.3	25.5	63.7	156	0.083	1.0	0.0
145	146	157	0.066	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.087	58.1	−60.1	40.6	72.6	146	0.067	1.0	0.0	0.0	1.0	0.682	57.8	−57.6	23.8	62.4	157	0.067	1.0	0.0
145	147	158	0.049	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.217	57.7	−60.5	39.3	72.2	147	0.05	1.0	0.0	0.0	1.0	0.702	58.0	−56.9	22.2	61.2	158	0.05	1.0	0.0
145	148	159	0.033	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.32	57.4	−61.0	38.2	72.1	148	0.033	1.0	0.0	0.0	1.0	0.722	58.2	−56.2	20.6	59.9	159	0.033	1.0	0.0
145	149	161	0.016	1.0	0.0	58.5	−59.5	40.8	72.2	145	0.0	1.0	0.392	57.2	−61.4	36.9	71.7	149	0.017	1.0	0.0	0.0	1.0	0.742	58.4	−55.4	19.0	58.6	161	0.017	1.0	0.0
145	150	162	0.0	1.0	0.0	58.5	−59.5	40.8	72.2	145	G_d 0.0	1.0	0.432	57.2	−61.1	35.3	70.7	150	G_s 0.0	1.0	0.0	0.0	1.0	0.755	58.5	−54.9	17.6	57.7	162	G_e 0.0	1.0	0.0
145	151	163	0.0	1.0	0.016	58.4	−59.6	40.8	72.2	145	0.0	1.0	0.473	57.2	−60.8	33.8	69.7	151	0.0	1.0	0.017	0.0	1.0	0.761	58.6	−54.6	16.6	57.1	163	0.0	1.0	0.017
145	152	164	0.0	1.0	0.033	58.3	−59.7	40.7	72.3	145	0.0	1.0	0.515	57.2	−60.5	32.2	68.6	152	0.0	1.0	0.033	0.0	1.0	0.767	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.033
145	153	164	0.0	1.0	0.05	58.2	−59.9	40.7	72.4	145	0.0	1.0	0.563	57.2	−60.0	30.6	67.5	153	0.0	1.0	0.05	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	164	0.0	1.0	0.05
145	154	165	0.0	1.0	0.066	58.2	−60.0	40.6	72.4	145	0.0	1.0	0.611	57.3	−59.5	29.1	66.3	154	0.0	1.0	0.067	0.0	1.0	0.779	58.8	−53.7	13.5	55.5	165	0.0	1.0	0.067
145	155	166	0.0	1.0	0.083	58.1	−60.1	40.5	72.5	145	0.0	1.0	0.637	57.4	−59.0	27.6	65.2	155	0.0	1.0	0.083	0.0	1.0	0.785	58.8	−53.3	12.5	54.9	166	0.0	1.0	0.083
146	156	167	0.0	1.0	0.1	58.0	−60.2	40.5	72.6	146	0.0	1.0	0.655	57.6	−58.5	26.1	64.1	156	0.0	1.0	0.1	0.0	1.0	0.791	58.9	−53.0	11.6	54.3	167	0.0	1.0	0.1
146	157	168	0.0	1.0	0.116	58.0	−60.3	40.4	72.6	146	0.0	1.0	0.672	57.7	−57.9	24.6	63.0	157	0.0	1.0	0.117	0.0	1.0	0.797	59.0	−52.6	10.6	53.8	168	0.0	1.0	0.117
146	158	169	0.0	1.0	0.133	57.9	−60.4	40.3	72.6	146	0.0	1.0	0.689	57.9	−57.3	23.2	62.0	158	0.0	1.0	0.133	0.0	1.0	0.803	59.1	−52.2	9.7	53.2	169	0.0	1.0	0.133
146	159	170	0.0	1.0	0.15	57.9	−60.4	40.1	72.5	146	0.0	1.0	0.706	58.0	−56.7	21.8	60.9	159	0.0	1.0	0.15	0.0	1.0	0.809	59.1	−51.8	8.7	52.7	170	0.0	1.0	0.15
146	160	171	0.0	1.0	0.166	57.8	−60.4	39.9	72.4	146	0.0	1.0	0.724	58.2	−56.1	20.4	59.8	160	0.0	1.0	0.167	0.0	1.0	0.815	59.2	−51.4	7.8	52.1	171	0.0	1.0	0.167
146	161	172	0.0	1.0	0.183	57.8	−60.5	39.7	72.4	146	0.0	1.0	0.741	58.3	−55.4	19.1	58.7	161	0.0	1.0	0.183	0.0	1.0	0.821	59.3	−51.0	6.9	51.5	172	0.0	1.0	0.183
146	162	173	0.0	1.0	0.2	57.7	−60.5	39.5	72.3	146	0.0	1.0	0.753	58.5	−54.9	17.9	57.8	162	0.0	1.0	0.2	0.0	1.0	0.827	59.3	−50.5	6.1	51.0	173	0.0	1.0	0.2
146	163	174	0.0	1.0	0.216	57.7	−60.5	39.3	72.2	146	0.0	1.0	0.76	58.5	−54.6	16.7	57.2	163	0.0	1.0	0.217	0.0	1.0	0.833	59.4	−50.0	5.2	50.4	174	0.0	1.0	0.217
147	164	175	0.0	1.0	0.233	57.6	−60.5	39.1	72.1	147	0.0	1.0	0.766	58.6	−54.3	15.6	56.6	164	0.0	1.0	0.233	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.233
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25



Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
147	165	175	0.0	1.0	0.25	57.6	−60.6	38.9	72.0	147	0.0	1.0	0.773	58.7	−54.0	14.5	56.0	165	0.0	1.0	0.25	0.0	1.0	0.845	59.6	−49.1	3.5	49.3	175	0.0	1.0	0.25			
147	166	176	0.0	1.0	0.266	57.5	−60.7	38.7	72.0	147	0.0	1.0	0.779	58.8	−53.6	13.4	55.4	166	0.0	1.0	0.267	0.0	1.0	0.851	59.6	−48.5	2.7	48.7	176	0.0	1.0	0.267			
147	167	177	0.0	1.0	0.283	57.5	−60.8	38.5	72.0	147	0.0	1.0	0.786	58.9	−53.3	12.3	54.8	167	0.0	1.0	0.283	0.0	1.0	0.857	59.7	−48.0	1.9	48.2	177	0.0	1.0	0.283			
147	168	178	0.0	1.0	0.3	57.4	−60.9	38.4	72.0	147	0.0	1.0	0.793	58.9	−52.9	11.3	54.2	168	0.0	1.0	0.3	0.0	1.0	0.863	59.8	−47.5	1.1	47.6	178	0.0	1.0	0.3			
147	169	179	0.0	1.0	0.316	57.4	−61.1	38.2	72.0	147	0.0	1.0	0.799	59.0	−52.5	10.2	53.5	169	0.0	1.0	0.317	0.0	1.0	0.869	59.9	−46.9	0.4	47.0	179	0.0	1.0	0.317			
148	170	180	0.0	1.0	0.333	57.3	−61.2	38.0	72.1	148	0.0	1.0	0.806	59.1	−52.0	9.2	52.9	170	0.0	1.0	0.333	0.0	1.0	0.875	59.9	−46.4	−0.3	46.5	180	0.0	1.0	0.333			
148	171	181	0.0	1.0	0.35	57.3	−61.3	37.8	72.1	148	0.0	1.0	0.812	59.2	−51.6	8.2	52.3	171	0.0	1.0	0.35	0.0	1.0	0.879	59.8	−46.3	−1.0	46.4	181	0.0	1.0	0.35			
148	172	182	0.0	1.0	0.366	57.2	−61.4	37.7	72.1	148	0.0	1.0	0.819	59.3	−51.1	7.2	51.7	172	0.0	1.0	0.367	0.0	1.0	0.883	59.8	−46.3	−1.8	46.4	182	0.0	1.0	0.367			
148	173	183	0.0	1.0	0.383	57.2	−61.5	37.2	71.9	148	0.0	1.0	0.825	59.3	−50.6	6.2	51.1	173	0.0	1.0	0.383	0.0	1.0	0.887	59.7	−46.2	−2.5	46.4	183	0.0	1.0	0.383			
149	174	184	0.0	1.0	0.4	57.2	−61.4	36.6	71.5	149	0.0	1.0	0.832	59.4	−50.1	5.3	50.5	174	0.0	1.0	0.4	0.0	1.0	0.891	59.6	−46.2	−3.2	46.4	184	0.0	1.0	0.4			
149	175	185	0.0	1.0	0.416	57.2	−61.3	35.9	71.0	149	0.0	1.0	0.839	59.5	−49.6	4.3	49.8	175	0.0	1.0	0.417	0.0	1.0	0.895	59.5	−46.1	−4.0	46.4	185	0.0	1.0	0.417			
150	176	185	0.0	1.0	0.433	57.2	−61.2	35.3	70.6	150	0.0	1.0	0.845	59.6	−49.0	3.4	49.2	176	0.0	1.0	0.433	0.0	1.0	0.899	59.4	−46.0	−4.7	46.4	185	0.0	1.0	0.433			
150	177	186	0.0	1.0	0.45	57.1	−61.1	34.6	70.2	150	0.0	1.0	0.852	59.6	−48.4	2.5	48.6	177	0.0	1.0	0.45	0.0	1.0	0.903	59.3	−45.9	−5.4	46.4	186	0.0	1.0	0.45			
150	178	187	0.0	1.0	0.466	57.1	−60.9	34.0	69.8	150	0.0	1.0	0.858	59.7	−47.9	1.7	48.0	178	0.0	1.0	0.467	0.0	1.0	0.908	59.2	−45.8	−6.2	46.3	187	0.0	1.0	0.467			
151	179	188	0.0	1.0	0.483	57.1	−60.8	33.3	69.4	151	0.0	1.0	0.865	59.8	−47.3	0.8	47.4	179	0.0	1.0	0.483	0.0	1.0	0.912	59.1	−45.7	−6.9	46.3	188	0.0	1.0	0.483			
151	180	189	0.0	1.0	0.5	57.1	−60.7	32.7	68.9	151	0.0	1.0	0.871	59.9	−46.7	0.0	46.8	180	0.0	1.0	0.5	0.0	1.0	0.916	59.0	−45.6	−7.6	46.3	189	0.0	1.0	0.5			
152	181	190	0.0	1.0	0.516	57.1	−60.5	32.1	68.5	152	0.0	1.0	0.877	59.9	−46.3	−0.7	46.4	181	0.0	1.0	0.517	0.0	1.0	0.92	58.9	−45.4	−8.4	46.3	190	0.0	1.0	0.517			
152	182	191	0.0	1.0	0.533	57.1	−60.4	31.6	68.1	152	0.0	1.0	0.882	59.8	−46.3	−1.5	46.4	182	0.0	1.0	0.533	0.0	1.0	0.924	58.8	−45.3	−9.1	46.3	191	0.0	1.0	0.533			
152	183	192	0.0	1.0	0.55	57.2	−60.2	31.0	67.7	152	0.0	1.0	0.886	59.7	−46.2	−2.3	46.4	183	0.0	1.0	0.55	0.0	1.0	0.928	58.7	−45.1	−9.8	46.3	192	0.0	1.0	0.55			
153	184	193	0.0	1.0	0.566	57.2	−60.0	30.5	67.3	153	0.0	1.0	0.891	59.6	−46.2	−3.1	46.4	184	0.0	1.0	0.567	0.0	1.0	0.932	58.6	−44.9	−10.5	46.3	193	0.0	1.0	0.567			
153	185	194	0.0	1.0	0.583	57.2	−59.8	29.9	66.9	153	0.0	1.0	0.895	59.5	−46.1	−3.9	46.4	185	0.0	1.0	0.583	0.0	1.0	0.936	58.5	−44.8	−11.2	46.3	194	0.0	1.0	0.583			
153	186	195	0.0	1.0	0.6	57.2	−59.7	29.4	66.5	153	0.0	1.0	0.9	59.4	−46.0	−4.7	46.4	186	0.0	1.0	0.6	0.0	1.0	0.94	58.4	−44.6	−11.9	46.3	195	0.0	1.0	0.6			
154	187	195	0.0	1.0	0.616	57.3	−59.5	28.8	66.1	154	0.0	1.0	0.904	59.3	−45.9	−5.5	46.3	187	0.0	1.0	0.617	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	195	0.0	1.0	0.617			
154	188	196	0.0	1.0	0.633	57.3	−59.2	27.8	65.4	154	0.0	1.0	0.909	59.2	−45.8	−6.3	46.3	188	0.0	1.0	0.633	0.0	1.0	0.949	58.3	−44.1	−13.3	46.2	196	0.0	1.0	0.633			
155	189	197	0.0	1.0	0.65	57.5	−58.7	26.4	64.4	155	0.0	1.0	0.913	59.1	−45.7	−7.1	46.3	189	0.0	1.0	0.65	0.0	1.0	0.953	58.2	−43.9	−14.0	46.2	197	0.0	1.0	0.65			
156	190	198	0.0	1.0	0.666	57.6	−58.1	25.0	63.3	156	0.0	1.0	0.918	59.0	−45.5	−7.9	46.3	190	0.0	1.0	0.667	0.0	1.0	0.957	58.1	−43.7	−14.7	46.2	198	0.0	1.0	0.667			
157	191	199	0.0	1.0	0.683	57.8	−57.6	23.6	62.3	157	0.0	1.0	0.922	58.9	−45.4	−8.7	46.3	191	0.0	1.0	0.683	0.0	1.0	0.961	58.0	−43.4	−15.4	46.2	199	0.0	1.0	0.683			
158	192	200	0.0	1.0	0.7	57.9	−57.0	22.3	61.2	158	0.0	1.0	0.926	58.8	−45.2	−9.5	46.3	192	0.0	1.0	0.7	0.0	1.0	0.965	57.9	−43.2	−16.1	46.2	200	0.0	1.0	0.7			
159	193	201	0.0	1.0	0.716	58.1	−56.4	21.0	60.2	159	0.0	1.0	0.931	58.7	−45.0	−10.3	46.3	193	0.0	1.0	0.717	0.0	1.0	0.969	57.8	−42.9	−16.8	46.2	201	0.0	1.0	0.717			
160	194	202	0.0	1.0	0.733	58.2	−55.8	19.7	59.1	160	0.0	1.0	0.935	58.6	−44.8	−11.1	46.3	194	0.0	1.0	0.733	0.0	1.0	0.973	57.7	−42.6	−17.5	46.2	202	0.0	1.0	0.733			
161	195	203	0.0	1.0	0.75	58.4	−55.1	18.4	58.1	161	0.0	1.0	0.94	58.5	−44.6	−11.9	46.3	195	0.0	1.0	0.75	0.0	1.0	0.977	57.6	−42.3	−18.2	46.2	203	0.0	1.0	0.75			
164	196	204	0.0	1.0	0.766	58.6	−54.4	15.5	56.5	164	0.0	1.0	0.944	58.4	−44.4	−12.6	46.2	196	0.0	1.0	0.767	0.0	1.0	0.981	57.5	−42.0	−18.8	46.2	204	0.0	1.0	0.767			
166	197	205	0.0	1.0	0.783	58.8	−53.5	12.7	55.0	166	0.0	1.0	0.949	58.3	−44.1	−13.4	46.2	197	0.0	1.0	0.783	0.0	1.0	0.985	57.4	−41.7	−19.5	46.1	205	0.0	1.0	0.783			
169	198	206	0.0	1.0	0.8	59.0	−52.4	10.0	53.4	169	0.0	1.0	0.953	58.2	−43.9	−14.2	46.2	198	0.0	1.0	0.8	0.0	1.0	0.99	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.8			
171	199	206	0.0	1.0	0.816	59.2	−51.3	7.5	51.8	171	0.0	1.0	0.958	58.0	−43.6	−14.9	46.2	199	0.0	1.0	0.817	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	206	0.0	1.0	0.817			
174	200	207	0.0	1.0	0.833	59.4	−50.0	5.0	50.3	174	0.0	1.0	0.962	57.9	−43.3	−15.7	46.2	200	0.0	1.0	0.833	0.0	1.0	0.998	57.1	−40.7	−21.4	46.1	207	0.0	1.0	0.833			
176	201	208	0.0	1.0	0.85	59.6	−48.6	2.7	48.7	176	0.0	1.0	0.967	57.8	−43.0	−16.5	46.2	201	0.0	1.0	0.85	0.0	0.997	1.0	57.0	−40.4	−22.1	46.2	208	0.0	1.0	0.85			
179	202	209	0.0	1.0	0.866	59.8	−47.1	0.5	47.2	179	0.0	1.0	0.971	57.7	−42.7	−17.2	46.2	202	0.0	1.0	0.867	0.0	0.991	1.0	56.8	−40.3	−22.9	46.5	209	0.0	1.0	0.867			
182	203	210	0.0	1.0	0.883	59.7	−46.3	−1.9	46.4	182	0.0	1.0	0.976	57.6	−42.4	−17.9	46.2	203	0.0	1.0	0.883	0.0	0.985	1.0	56.6	−40.1	−23.7	46.8	210	0.0	1.0	0.883			
186	204	211	0.0	1.0	0.9	59.3	−46.0	−4.9	46.3	186	0.0	1.0	0.98	57.5	−42.1	−18.7	46.2	204	0.0	1.0	0.9	0.0	0.978	1.0	56.4	−40.0	−24.5	47.0	211	0.0	1.0	0.9			
189	205	212	0.0	1.0	0.916	58.9	−45.6	−7.8	46.3	189	0.0	1.0	0.985	57.4	−41.7	−19.4	46.1	205	0.0	1.0	0.917	0.0	0.972	1.0	56.3	−39.8	−25.2	47.3	212	0.0	1.0	0.917			
193	206	213	0.0	1.0	0.933	58.6	−44.9	−10.8	46.2	193	0.0	1.0	0.989	57.3	−41.4	−20.1	46.1	206	0.0	1.0	0.933	0.0	0.966	1.0	56.1	−39.6	−26.0	47.5	213	0.0	1.0	0.933			
197	207	214	0.0	1.0	0.95	58.2	−44.1	−13.6	46.2	197	0.0	1.0	0.994	57.2	−41.0	−20.8	46.1	207	0.0	1.0	0.95	0.0	0.96	1.0	55.9	−39.4	−26.8	47.8	214	0.0	1.0	0.95			
200	208	215	0.0	1.0	0.966	57.8	−43.1	−16.5	46.1	200	0.0	1.0	0.998	57.1	−40.6	−21.5	46.1	208	0.0	1.0	0.967	0.0	0.954	1.0	55.7	−39.2	−27.6	48.1	215	0.0	1.0	0.967			
204	209	216	0.0	1.0	0.983	57.4	−41.9	−19.2	46.1	204	0.0	0.996	1.0	57.0	−40.4	−22.3	46.3	209	0.0	1.0	0.983	0.0	0.947	1.0	55.5	−39.0	−28.3	48.3	216	0.0	1.0	0.983			
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208	C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210	C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216	C_e	0.0	1.0	1.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
208	210	216	0.0	1.0	1.0	57.0	−40.5	−21.8	46.1	208 C_d	0.0	0.989	1.0	56.8	−40.2	−23.2	46.6	210 C_s	0.0	1.0	1.0	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	216 C_e	0.0	1.0	1.0	
210	211	217	0.0	0.983	1.0	56.5	−40.2	−23.9	46.8	210	0.0	0.982	1.0	56.6	−40.1	−24.0	46.9	211	0.0	0.983	1.0	0.0	0.935	1.0	55.1	−38.4	−29.9	48.8	217	0.0	0.983	1.0	
213	212	218	0.0	0.966	1.0	56.0	−39.7	−26.0	47.5	213	0.0	0.975	1.0	56.3	−39.9	−24.9	47.2	212	0.0	0.967	1.0	0.0	0.929	1.0	54.9	−38.2	−30.7	49.1	218	0.0	0.967	1.0	
215	213	219	0.0	0.95	1.0	55.5	−39.1	−28.1	48.2	215	0.0	0.968	1.0	56.1	−39.7	−25.7	47.4	213	0.0	0.95	1.0	0.0	0.923	1.0	54.8	−37.9	−31.4	49.4	219	0.0	0.95	1.0	
218	214	220	0.0	0.933	1.0	55.0	−38.4	−30.2	48.9	218	0.0	0.962	1.0	55.9	−39.5	−26.6	47.7	214	0.0	0.933	1.0	0.0	0.916	1.0	54.6	−37.6	−32.2	49.6	220	0.0	0.933	1.0	
220	215	221	0.0	0.916	1.0	54.5	−37.6	−32.2	49.6	220	0.0	0.955	1.0	55.7	−39.2	−27.4	48.0	215	0.0	0.917	1.0	0.0	0.91	1.0	54.4	−37.2	−33.0	49.9	221	0.0	0.917	1.0	
223	216	222	0.0	0.9	1.0	54.0	−36.7	−34.3	50.3	223	0.0	0.948	1.0	55.5	−39.0	−28.3	48.3	216	0.0	0.9	1.0	0.0	0.904	1.0	54.2	−36.9	−33.7	50.1	222	0.0	0.9	1.0	
225	217	223	0.0	0.883	1.0	53.5	−35.7	−36.3	51.0	225	0.0	0.941	1.0	55.3	−38.7	−29.1	48.6	217	0.0	0.883	1.0	0.0	0.898	1.0	54.0	−36.5	−34.5	50.4	223	0.0	0.883	1.0	
227	218	224	0.0	0.866	1.0	53.2	−34.6	−38.3	51.6	227	0.0	0.934	1.0	55.1	−38.4	−30.0	48.9	218	0.0	0.867	1.0	0.0	0.892	1.0	53.8	−36.2	−35.3	50.7	224	0.0	0.867	1.0	
230	219	225	0.0	0.85	1.0	53.1	−33.5	−40.1	52.2	230	0.0	0.928	1.0	54.9	−38.1	−30.8	49.2	219	0.0	0.85	1.0	0.0	0.885	1.0	53.6	−35.8	−36.0	50.9	225	0.0	0.85	1.0	
232	220	226	0.0	0.833	1.0	53.1	−32.3	−41.9	52.9	232	0.0	0.921	1.0	54.7	−37.8	−31.7	49.4	220	0.0	0.833	1.0	0.0	0.879	1.0	53.4	−35.4	−36.8	51.2	226	0.0	0.833	1.0	
234	221	227	0.0	0.816	1.0	53.0	−31.0	−43.6	53.5	234	0.0	0.914	1.0	54.5	−37.4	−32.5	49.7	221	0.0	0.817	1.0	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.817	1.0	
236	222	227	0.0	0.8	1.0	52.9	−29.6	−45.3	54.1	236	0.0	0.907	1.0	54.3	−37.1	−33.4	50.0	222	0.0	0.8	1.0	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	227	0.0	0.8	1.0	
239	223	228	0.0	0.783	1.0	52.8	−28.1	−47.0	54.7	239	0.0	0.9	1.0	54.1	−36.7	−34.2	50.3	223	0.0	0.783	1.0	0.0	0.859	1.0	53.2	−34.1	−39.0	51.9	228	0.0	0.783	1.0	
241	224	229	0.0	0.766	1.0	52.7	−26.5	−48.6	55.4	241	0.0	0.894	1.0	53.9	−36.3	−35.0	50.6	224	0.0	0.767	1.0	0.0	0.853	1.0	53.2	−33.6	−39.7	52.2	229	0.0	0.767	1.0	
243	225	230	0.0	0.75	1.0	52.6	−24.9	−50.1	56.0	243	0.0	0.887	1.0	53.7	−35.9	−35.9	50.9	225	0.0	0.75	1.0	0.0	0.846	1.0	53.2	−33.1	−40.5	52.5	230	0.0	0.75	1.0	
244	226	231	0.0	0.733	1.0	52.2	−24.1	−50.2	55.7	244	0.0	0.88	1.0	53.5	−35.4	−36.7	51.2	226	0.0	0.733	1.0	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231	0.0	0.733	1.0	
245	227	232	0.0	0.716	1.0	51.8	−23.4	−50.2	55.4	245	0.0	0.873	1.0	53.3	−35.0	−37.5	51.4	227	0.0	0.717	1.0	0.0	0.832	1.0	53.1	−32.1	−41.9	53.0	232	0.0	0.717	1.0	
245	228	233	0.0	0.7	1.0	51.3	−22.6	−50.3	55.1	245	0.0	0.866	1.0	53.3	−34.5	−38.3	51.7	228	0.0	0.7	1.0	0.0	0.826	1.0	53.1	−31.6	−42.6	53.2	233	0.0	0.7	1.0	
246	229	234	0.0	0.683	1.0	50.9	−21.9	−50.3	54.8	246	0.0	0.858	1.0	53.2	−34.0	−39.1	52.0	229	0.0	0.683	1.0	0.0	0.819	1.0	53.0	−31.1	−43.3	53.5	234	0.0	0.683	1.0	
247	230	235	0.0	0.666	1.0	50.4	−21.1	−50.3	54.6	247	0.0	0.851	1.0	53.2	−33.5	−39.9	52.3	230	0.0	0.667	1.0	0.0	0.812	1.0	53.0	−30.5	−44.0	53.7	235	0.0	0.667	1.0	
247	231	236	0.0	0.65	1.0	50.0	−20.4	−50.3	54.3	247	0.0	0.843	1.0	53.2	−33.0	−40.7	52.5	231	0.0	0.65	1.0	0.0	0.805	1.0	53.0	−30.0	−44.7	54.0	236	0.0	0.65	1.0	
248	232	237	0.0	0.633	1.0	49.6	−19.6	−50.3	54.0	248	0.0	0.836	1.0	53.1	−32.4	−41.5	52.8	232	0.0	0.633	1.0	0.0	0.798	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.633	1.0	
249	233	237	0.0	0.616	1.0	49.2	−19.0	−50.2	53.7	249	0.0	0.829	1.0	53.1	−31.9	−42.3	53.1	233	0.0	0.617	1.0	0.0	0.792	1.0	52.9	−28.8	−46.1	54.5	237	0.0	0.617	1.0	
249	234	238	0.0	0.6	1.0	48.9	−18.3	−50.2	53.5	249	0.0	0.821	1.0	53.0	−31.3	−43.1	53.4	234	0.0	0.6	1.0	0.0	0.785	1.0	52.9	−28.2	−46.8	54.7	238	0.0	0.6	1.0	
250	235	239	0.0	0.583	1.0	48.6	−17.7	−50.2	53.3	250	0.0	0.814	1.0	53.0	−30.7	−43.9	53.7	235	0.0	0.583	1.0	0.0	0.778	1.0	52.8	−27.6	−47.4	55.0	239	0.0	0.583	1.0	
251	236	240	0.0	0.566	1.0	48.3	−17.1	−50.2	53.0	251	0.0	0.806	1.0	53.0	−30.1	−44.6	53.9	236	0.0	0.567	1.0	0.0	0.771	1.0	52.8	−26.9	−48.1	55.2	240	0.0	0.567	1.0	
251	237	241	0.0	0.55	1.0	48.0	−16.5	−50.2	52.8	251	0.0	0.799	1.0	52.9	−29.4	−45.4	54.2	237	0.0	0.55	1.0	0.0	0.765	1.0	52.8	−26.3	−48.7	55.5	241	0.0	0.55	1.0	
252	238	242	0.0	0.533	1.0	47.7	−15.8	−50.1	52.6	252	0.0	0.791	1.0	52.9	−28.8	−46.1	54.5	238	0.0	0.533	1.0	0.0	0.758	1.0	52.7	−25.6	−49.4	55.7	242	0.0	0.533	1.0	
253	239	243	0.0	0.516	1.0	47.4	−15.2	−50.1	52.3	253	0.0	0.784	1.0	52.9	−28.1	−46.8	54.8	239	0.0	0.517	1.0	0.0	0.751	1.0	52.7	−24.9	−50.0	56.0	243	0.0	0.517	1.0	
253	240	244	0.0	0.5	1.0	47.1	−14.6	−50.0	52.1	253	0.0	0.777	1.0	52.8	−27.4	−47.6	55.0	240	0.0	0.5	1.0	0.0	0.732	1.0	52.2	−24.0	−50.1	55.7	244	0.0	0.5	1.0	
254	241	245	0.0	0.483	1.0	46.8	−14.2	−50.0	52.0	254	0.0	0.769	1.0	52.8	−26.7	−48.3	55.3	241	0.0	0.483	1.0	0.0	0.711	1.0	51.7	−23.1	−50.2	55.4	245	0.0	0.483	1.0	
254	242	246	0.0	0.466	1.0	46.6	−13.8	−49.9	51.8	254	0.0	0.762	1.0	52.7	−26.0	−49.0	55.6	242	0.0	0.467	1.0	0.0	0.69	1.0	51.1	−22.1	−50.2	55.0	246	0.0	0.467	1.0	
254	243	247	0.0	0.45	1.0	46.4	−13.3	−49.9	51.7	254	0.0	0.754	1.0	52.7	−25.3	−49.7	55.9	243	0.0	0.45	1.0	0.0	0.669	1.0	50.5	−21.2	−50.2	54.6	247	0.0	0.45	1.0	
255	244	248	0.0	0.433	1.0	46.1	−12.9	−49.9	51.5	255	0.0	0.741	1.0	52.4	−24.4	−50.1	55.9	244	0.0	0.433	1.0	0.0	0.647	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.433	1.0	
255	245	248	0.0	0.416	1.0	45.9	−12.5	−49.8	51.4	255	0.0	0.717	1.0	51.8	−23.3	−50.2	55.5	245	0.0	0.417	1.0	0.0	0.626	1.0	49.4	−19.3	−50.2	53.9	248	0.0	0.417	1.0	
256	246	249	0.0	0.4	1.0	45.6	−12.1	−49.8	51.2	256	0.0	0.694	1.0	51.2	−22.3	−50.2	55.1	246	0.0	0.4	1.0	0.0	0.602	1.0	49.0	−18.4	−50.2	53.6	249	0.0	0.4	1.0	
256	247	250	0.0	0.383	1.0	45.4	−11.6	−49.7	51.1	256	0.0	0.671	1.0	50.6	−21.3	−50.2	54.7	247	0.0	0.383	1.0	0.0	0.578	1.0	48.6	−17.5	−50.2	53.2	250	0.0	0.383	1.0	
257	248	251	0.0	0.366	1.0	45.1	−11.2	−49.7	50.9	257	0.0	0.648	1.0	50.0	−20.2	−50.2	54.3	248	0.0	0.367	1.0	0.0	0.553	1.0	48.1	−16.5	−50.1	52.9	251	0.0	0.367	1.0	
257	249	252	0.0	0.35	1.0	44.8	−10.7	−49.7	50.8	257	0.0	0.624	1.0	49.4	−19.2	−50.2	53.9	249	0.0	0.35	1.0	0.0	0.529	1.0	47.7	−15.6	−50.0	52.6	252	0.0	0.35	1.0	
258	250	253	0.0	0.333	1.0	44.5	−10.2	−49.7	50.8	258	0.0	0.598	1.0	48.9	−18.2	−50.2	53.5	250	0.0	0.333	1.0	0.0	0.505	1.0	47.2	−14.7	−50.0	52.2	253	0.0	0.333	1.0	
258	251	254	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.571	1.0	48.4	−17.2	−50.1	53.1	251	0.0	0.317	1.0	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254	0.0	0.317	1.0	
259	252	255	0.0	0.3	1.0	43.9	−9.1	−49.7	50.6	259	0.0	0.544	1.0	47.9	−16.2	−50.1	52.8	252	0.0	0.3	1.0	0.0	0.438	1.0	46.2	−13.0	−49.8	51.6	255	0.0	0.3	1.0	
260	253	256	0.0	0.283	1.0	43.5	−8.6	−49.7	50.5	260	0.0	0.518	1.0	47.5	−15.2	−50.0	52.4	253	0.0	0.283	1.0	0.0	0.404	1.0	45.7	−12.1	−49.7	51.3	256	0.0	0.283	1.0	
260	254	257	0.0	0.266	1.0	43.2	−8.1	−49.7	50.4	260	0.0	0.487	1.0	47.0	−14.2	−49.9	52.0	254	0.0	0.267	1.0	0.0	0.371	1.0	45.2	−11.3	−49.6	51.0	257	0.0	0.267	1.0	
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
48-stufige Farbkreise; *rgb*−*LabCh**Tabellen

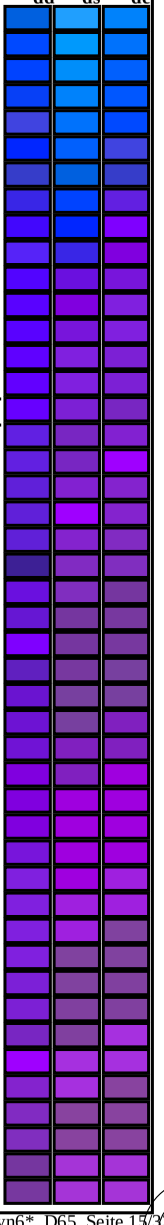
Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd *rgb**ds *rgb**de
261	255	258	0.0	0.25	1.0	42.9	−7.6	−49.7	50.3	261	0.0	0.45	1.0	46.4	−13.3	−49.8	51.7	255	0.0	0.25	1.0	0.0	0.344	1.0	44.7	−10.4	−49.7	50.9	258	0.0	0.25	1.0	
261	256	258	0.0	0.233	1.0	42.7	−7.3	−49.6	50.1	261	0.0	0.412	1.0	45.9	−12.3	−49.7	51.4	256	0.0	0.233	1.0	0.0	0.317	1.0	44.2	−9.6	−49.7	50.7	258	0.0	0.233	1.0	
261	257	259	0.0	0.216	1.0	42.5	−6.9	−49.5	50.0	261	0.0	0.375	1.0	45.3	−11.4	−49.6	51.0	257	0.0	0.217	1.0	0.0	0.29	1.0	43.7	−8.8	−49.7	50.6	259	0.0	0.217	1.0	
262	258	260	0.0	0.2	1.0	42.4	−6.6	−49.4	49.9	262	0.0	0.345	1.0	44.8	−10.5	−49.7	50.9	258	0.0	0.2	1.0	0.0	0.263	1.0	43.2	−8.0	−49.7	50.4	260	0.0	0.2	1.0	
262	259	261	0.0	0.183	1.0	42.2	−6.2	−49.3	49.7	262	0.0	0.316	1.0	44.2	−9.6	−49.7	50.7	259	0.0	0.183	1.0	0.0	0.229	1.0	42.7	−7.1	−49.5	50.2	261	0.0	0.183	1.0	
263	260	262	0.0	0.166	1.0	42.0	−5.9	−49.2	49.6	263	0.0	0.286	1.0	43.7	−8.7	−49.7	50.5	260	0.0	0.167	1.0	0.0	0.19	1.0	42.3	−6.3	−49.3	49.8	262	0.0	0.167	1.0	
263	261	263	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.257	1.0	43.1	−7.8	−49.6	50.4	261	0.0	0.15	1.0	0.0	0.15	1.0	41.8	−5.5	−49.1	49.5	263	0.0	0.15	1.0	
263	262	264	0.0	0.133	1.0	41.6	−5.2	−49.0	49.3	263	0.0	0.216	1.0	42.6	−6.9	−49.5	50.0	262	0.0	0.133	1.0	0.043	0.0	1.0	41.4	−4.7	−49.0	49.3	264	0.0	0.133	1.0	
264	263	265	0.0	0.116	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.173	1.0	42.1	−6.0	−49.2	49.7	263	0.0	0.117	1.0	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265	0.0	0.117	1.0	
264	264	266	0.0	0.1	1.0	41.5	−5.0	−49.0	49.2	264	0.0	0.129	1.0	41.6	−5.1	−49.0	49.3	264	0.0	0.1	1.0	0.256	0.0	1.0	40.3	−3.1	−49.3	49.5	266	0.0	0.1	1.0	
264	265	267	0.0	0.083	1.0	41.5	−5.0	−49.0	49.2	264	0.111	0.0	1.0	41.0	−4.2	−49.0	49.3	265	0.0	0.083	1.0	0.284	0.0	1.0	39.8	−2.3	−49.5	49.6	267	0.0	0.083	1.0	
264	266	268	0.0	0.066	1.0	41.5	−5.0	−49.0	49.2	264	0.24	0.0	1.0	40.4	−3.3	−49.2	49.4	266	0.0	0.067	1.0	0.313	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.067	1.0	
264	267	269	0.0	0.049	1.0	41.5	−5.0	−49.0	49.2	264	0.279	0.0	1.0	39.9	−2.5	−49.5	49.6	267	0.0	0.05	1.0	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.05	1.0	
264	268	269	0.0	0.033	1.0	41.5	−5.0	−49.0	49.2	264	0.31	0.0	1.0	39.4	−1.6	−49.7	49.8	268	0.0	0.033	1.0	0.371	0.0	1.0	38.5	0.0	−50.0	50.1	269	0.0	0.033	1.0	
264	269	270	0.0	0.016	1.0	41.5	−5.0	−49.0	49.2	264	0.342	0.0	1.0	38.9	−0.8	−49.9	50.0	269	0.0	0.017	1.0	0.385	0.0	1.0	38.2	0.7	−49.9	50.0	270	0.0	0.017	1.0	
264	270	271	0.0	0.0	1.0	41.5	−5.0	−49.0	49.2	264	B_d 0.373	0.0	1.0	38.4	0.0	−50.1	50.2	270	B_s 0.0	0.0	1.0	0.397	0.0	1.0	38.1	1.5	−49.8	49.9	271	B_e 0.0	0.0	1.0	
264	271	272	0.016	0.0	1.0	41.4	−4.9	−49.0	49.2	264	0.387	0.0	1.0	38.2	0.9	−49.9	50.0	271	0.017	0.0	1.0	0.409	0.0	1.0	37.9	2.3	−49.6	49.7	272	0.017	0.0	1.0	
264	272	273	0.033	0.0	1.0	41.4	−4.8	−49.0	49.2	264	0.4	0.0	1.0	38.0	1.7	−49.7	49.8	272	0.033	0.0	1.0	0.422	0.0	1.0	37.7	3.1	−49.4	49.6	273	0.033	0.0	1.0	
264	273	274	0.05	0.0	1.0	41.3	−4.7	−49.0	49.2	264	0.414	0.0	1.0	37.8	2.6	−49.5	49.7	273	0.05	0.0	1.0	0.434	0.0	1.0	37.5	3.9	−49.2	49.4	274	0.05	0.0	1.0	
264	274	275	0.066	0.0	1.0	41.2	−4.6	−49.0	49.2	264	0.427	0.0	1.0	37.6	3.5	−49.3	49.5	274	0.067	0.0	1.0	0.447	0.0	1.0	37.3	4.7	−48.9	49.3	275	0.067	0.0	1.0	
264	275	276	0.083	0.0	1.0	41.1	−4.4	−49.0	49.2	264	0.44	0.0	1.0	37.4	4.3	−49.1	49.4	275	0.083	0.0	1.0	0.459	0.0	1.0	37.1	5.5	−48.7	49.1	276	0.083	0.0	1.0	
264	276	277	0.1	0.0	1.0	41.0	−4.3	−49.0	49.2	264	0.453	0.0	1.0	37.2	5.1	−48.8	49.2	276	0.1	0.0	1.0	0.471	0.0	1.0	36.9	6.3	−48.4	49.0	277	0.1	0.0	1.0	
265	277	278	0.116	0.0	1.0	40.9	−4.2	−49.0	49.2	265	0.466	0.0	1.0	37.0	6.0	−48.6	49.0	277	0.117	0.0	1.0	0.484	0.0	1.0	36.7	7.1	−48.2	48.8	278	0.117	0.0	1.0	
265	278	279	0.133	0.0	1.0	40.9	−4.1	−49.1	49.2	265	0.479	0.0	1.0	36.8	6.8	−48.3	48.9	278	0.133	0.0	1.0	0.496	0.0	1.0	36.5	7.9	−47.9	48.6	279	0.133	0.0	1.0	
265	279	280	0.15	0.0	1.0	40.8	−4.0	−49.1	49.3	265	0.492	0.0	1.0	36.6	7.6	−48.0	48.7	279	0.15	0.0	1.0	0.505	0.0	1.0	36.5	8.6	−47.6	48.5	280	0.15	0.0	1.0	
265	280	281	0.166	0.0	1.0	40.7	−3.9	−49.1	49.3	265	0.503	0.0	1.0	36.5	8.4	−47.7	48.5	280	0.167	0.0	1.0	0.513	0.0	1.0	36.5	9.4	−47.4	48.4	281	0.167	0.0	1.0	
265	281	282	0.183	0.0	1.0	40.6	−3.8	−49.2	49.3	265	0.511	0.0	1.0	36.5	9.2	−47.4	48.4	281	0.183	0.0	1.0	0.52	0.0	1.0	36.6	10.2	−47.1	48.3	282	0.183	0.0	1.0	
265	282	283	0.2	0.0	1.0	40.5	−3.7	−49.2	49.3	265	0.519	0.0	1.0	36.6	10.0	−47.2	48.3	282	0.2	0.0	1.0	0.528	0.0	1.0	36.7	10.9	−46.8	48.2	283	0.2	0.0	1.0	
265	283	284	0.216	0.0	1.0	40.5	−3.5	−49.2	49.4	265	0.527	0.0	1.0	36.6	10.8	−46.9	48.2	283	0.217	0.0	1.0	0.535	0.0	1.0	36.7	11.7	−46.5	48.1	284	0.217	0.0	1.0	
265	284	285	0.233	0.0	1.0	40.4	−3.4	−49.3	49.4	265	0.535	0.0	1.0	36.7	11.6	−46.6	48.1	284	0.233	0.0	1.0	0.543	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.233	0.0	1.0	
266	285	285	0.25	0.0	1.0	40.3	−3.3	−49.3	49.4	266	0.542	0.0	1.0	36.8	12.4	−46.2	48.0	285	0.25	0.0	1.0	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	285	0.25	0.0	1.0	
266	286	286	0.266	0.0	1.0	40.0	−2.9	−49.4	49.5	266	0.55	0.0	1.0	36.8	13.2	−45.9	47.9	286	0.267	0.0	1.0	0.557	0.0	1.0	36.9	13.9	−45.6	47.8	286	0.267	0.0	1.0	
267	287	287	0.283	0.0	1.0	39.8	−2.4	−49.5	49.6	267	0.558	0.0	1.0	36.9	14.0	−45.6	47.7	287	0.283	0.0	1.0	0.565	0.0	1.0	36.9	14.6	−45.2	47.6	287	0.283	0.0	1.0	
267	288	288	0.3	0.0	1.0	39.5	−2.0	−49.6	49.7	267	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.3	0.0	1.0	0.572	0.0	1.0	37.0	15.3	−44.9	47.5	288	0.3	0.0	1.0	
268	289	289	0.316	0.0	1.0	39.3	−1.5	−49.8	49.8	268	0.574	0.0	1.0	37.0	15.5	−44.8	47.5	289	0.317	0.0	1.0	0.58	0.0	1.0	37.0	16.0	−44.5	47.4	289	0.317	0.0	1.0	
268	290	290	0.333	0.0	1.0	39.0	−1.1	−49.9	49.9	268	0.582	0.0	1.0	37.0	16.2	−44.4	47.4	290	0.333	0.0	1.0	0.587	0.0	1.0	37.1	16.7	−44.2	47.3	290	0.333	0.0	1.0	
269	291	291	0.35	0.0	1.0	38.7	−0.6	−50.0	50.0	269	0.59	0.0	1.0	37.1	16.9	−44.0	47.3	291	0.35	0.0	1.0	0.595	0.0	1.0	37.1	17.4	−43.8	47.2	291	0.35	0.0	1.0	
269	292	292	0.366	0.0	1.0	38.5	−0.1	−50.1	50.1	269	0.598	0.0	1.0	37.1	17.7	−43.6	47.2	292	0.367	0.0	1.0	0.602	0.0	1.0	37.2	18.1	−43.4	47.1	292	0.367	0.0	1.0	
270	293	293	0.383	0.0	1.0	38.2	0.6	−50.0	50.0	270	0.606	0.0	1.0	37.2	18.4	−43.2	47.0	293	0.383	0.0	1.0	0.61	0.0	1.0	37.2	18.8	−43.0	47.0	293	0.383	0.0	1.0	
271	294	294	0.4	0.0	1.0	38.0	1.7	−49.8	49.8	271	0.613	0.0	1.0	37.2	19.1	−42.8	46.9	294	0.4	0.0	1.0	0.617	0.0	1.0	37.3	19.4	−42.6	46.9	294	0.4	0.0	1.0	
273	295	295	0.416	0.0	1.0	37.7	2.8	−49.5	49.6	273	0.621	0.0	1.0	37.3	19.8	−42.3	46.8	295	0.417	0.0	1.0	0.625	0.0	1.0	37.3	20.1	−42.1	46.8	295	0.417	0.0	1.0	
274	296	296	0.433	0.0	1.0	37.4	3.8	−49.2	49.4	274	0.629	0.0	1.0	37.4	20.5	−41.9	46.8	296	0.433	0.0	1.0	0.631	0.0	1.0	37.5	20.8	−41.8	46.8	296	0.433	0.0	1.0	
275	297	297	0.45	0.0	1.0	37.2	4.9	−48.9	49.2	275	0.636	0.0	1.0	37.7	21.2	−41.6	46.8	297	0.45	0.0	1.0	0.638	0.0	1.0	37.7	21.5	−41.5	46.8	297	0.45	0.0	1.0	
277	298	298	0.466	0.0	1.0	36.9	6.0	−48.6	49.0	277	0.643	0.0	1.0	37.9	22.0	−41.2	46.8	298	0.467	0.0	1.0	0.645	0.0	1.0	38.0	22.2	−41.1	46.8	298	0.467	0.0	1.0	
278	299	299	0.483	0.0	1.0	36.7	7.0	−48.2	48.8	278	0.65	0.0	1.0	38.1	22.7	−40.8	46.8	299	0.483	0.0	1.0	0.652	0.0	1.0	38.2	22.9	−40.8	46.8	299	0.483	0.0	1.0	
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0	



RG610−73 0−1131434−L0 LAB*la0, YN=0%, XYZnw=2.0, 2.1, 2.1, 85.9, 90.9, 95.1, LAB*nw=15.8, 0.0, 0.0, 96.4, 0.0, 0.0, not adapted=adapted, nicht adaptiert=adaptiert Ausgabe: Offset-Normdruck; Separation cmyn6*, D65, Seite 15/33

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)					*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)					*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
279	300	300	0.5	0.0	1.0	36.4	8.1	−47.9	48.5	279	0.657	0.0	1.0	38.4	23.4	−40.4	46.8	300	0.5	0.0	1.0	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300	0.5	0.0	1.0			
281	301	301	0.516	0.0	1.0	36.5	9.8	−47.3	48.3	281	0.664	0.0	1.0	38.6	24.1	−40.0	46.8	301	0.517	0.0	1.0	0.665	0.0	1.0	38.6	24.2	−40.0	46.8	301	0.517	0.0	1.0			
283	302	302	0.533	0.0	1.0	36.6	11.5	−46.7	48.1	283	0.671	0.0	1.0	38.8	24.8	−39.6	46.8	302	0.533	0.0	1.0	0.672	0.0	1.0	38.8	24.9	−39.6	46.8	302	0.533	0.0	1.0			
285	303	303	0.55	0.0	1.0	36.8	13.1	−46.0	47.8	285	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0	0.678	0.0	1.0	39.1	25.5	−39.2	46.9	303	0.55	0.0	1.0			
288	304	303	0.566	0.0	1.0	36.9	14.7	−45.2	47.6	288	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	304	0.567	0.0	1.0	0.685	0.0	1.0	39.3	26.2	−38.8	46.9	303	0.567	0.0	1.0			
290	305	304	0.583	0.0	1.0	37.0	16.3	−44.4	47.3	290	0.692	0.0	1.0	39.5	26.9	−38.3	46.9	305	0.583	0.0	1.0	0.692	0.0	1.0	39.5	26.8	−38.3	46.9	304	0.583	0.0	1.0			
292	306	305	0.6	0.0	1.0	37.1	17.8	−43.6	47.1	292	0.699	0.0	1.0	39.8	27.6	−37.8	46.9	306	0.6	0.0	1.0	0.698	0.0	1.0	39.7	27.5	−37.9	46.9	305	0.6	0.0	1.0			
294	307	306	0.616	0.0	1.0	37.2	19.3	−42.6	46.8	294	0.706	0.0	1.0	40.0	28.2	−37.4	46.9	307	0.617	0.0	1.0	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306	0.617	0.0	1.0			
296	308	307	0.633	0.0	1.0	37.5	20.9	−41.8	46.7	296	0.713	0.0	1.0	40.2	28.9	−36.9	46.9	308	0.633	0.0	1.0	0.712	0.0	1.0	40.2	28.7	−37.0	46.9	307	0.633	0.0	1.0			
299	309	308	0.65	0.0	1.0	38.1	22.6	−40.9	46.8	299	0.72	0.0	1.0	40.5	29.5	−36.4	46.9	309	0.65	0.0	1.0	0.718	0.0	1.0	40.4	29.3	−36.5	46.9	308	0.65	0.0	1.0			
301	310	309	0.666	0.0	1.0	38.6	24.3	−39.9	46.8	301	0.728	0.0	1.0	40.7	30.2	−35.9	46.9	310	0.667	0.0	1.0	0.725	0.0	1.0	40.6	30.0	−36.0	46.9	309	0.667	0.0	1.0			
303	311	310	0.683	0.0	1.0	39.2	26.0	−38.9	46.8	303	0.735	0.0	1.0	40.9	30.8	−35.3	47.0	311	0.683	0.0	1.0	0.732	0.0	1.0	40.8	30.6	−35.6	47.0	310	0.683	0.0	1.0			
306	312	311	0.7	0.0	1.0	39.7	27.6	−37.8	46.8	306	0.742	0.0	1.0	41.2	31.4	−34.8	47.0	312	0.7	0.0	1.0	0.738	0.0	1.0	41.0	31.2	−35.1	47.0	311	0.7	0.0	1.0			
308	313	312	0.716	0.0	1.0	40.3	29.1	−36.7	46.9	308	0.749	0.0	1.0	41.4	32.0	−34.3	47.0	313	0.717	0.0	1.0	0.745	0.0	1.0	41.3	31.7	−34.5	47.0	312	0.717	0.0	1.0			
310	314	313	0.733	0.0	1.0	40.8	30.6	−35.5	46.9	310	0.755	0.0	1.0	41.6	32.9	−33.9	47.3	314	0.733	0.0	1.0	0.752	0.0	1.0	41.5	32.4	−34.1	47.1	313	0.733	0.0	1.0			
313	315	314	0.75	0.0	1.0	41.4	32.1	−34.2	46.9	313	0.762	0.0	1.0	41.8	33.7	−33.6	47.7	315	0.75	0.0	1.0	0.758	0.0	1.0	41.7	33.2	−33.8	47.4	314	0.75	0.0	1.0			
315	316	315	0.766	0.0	1.0	42.0	34.3	−33.4	47.9	315	0.768	0.0	1.0	42.1	34.6	−33.3	48.0	316	0.767	0.0	1.0	0.764	0.0	1.0	41.9	34.0	−33.5	47.8	315	0.767	0.0	1.0			
318	317	316	0.783	0.0	1.0	42.5	36.5	−32.5	48.9	318	0.775	0.0	1.0	42.3	35.4	−32.9	48.4	317	0.783	0.0	1.0	0.77	0.0	1.0	42.1	34.8	−33.2	48.2	316	0.783	0.0	1.0			
320	318	317	0.8	0.0	1.0	43.1	38.6	−31.4	49.8	320	0.781	0.0	1.0	42.5	36.3	−32.5	48.8	318	0.8	0.0	1.0	0.776	0.0	1.0	42.3	35.6	−32.8	48.5	317	0.8	0.0	1.0			
323	319	318	0.816	0.0	1.0	43.7	40.8	−30.2	50.8	323	0.788	0.0	1.0	42.7	37.1	−32.2	49.2	319	0.817	0.0	1.0	0.782	0.0	1.0	42.5	36.4	−32.5	48.9	318	0.817	0.0	1.0			
326	320	319	0.833	0.0	1.0	44.3	42.9	−28.9	51.7	326	0.794	0.0	1.0	43.0	37.9	−31.7	49.5	320	0.833	0.0	1.0	0.789	0.0	1.0	42.8	37.2	−32.1	49.2	319	0.833	0.0	1.0			
328	321	320	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.85	0.0	1.0	0.795	0.0	1.0	43.0	38.0	−31.7	49.6	320	0.85	0.0	1.0			
331	322	321	0.866	0.0	1.0	45.4	47.0	−25.9	53.7	331	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	322	0.867	0.0	1.0	0.801	0.0	1.0	43.2	38.8	−31.3	49.9	321	0.867	0.0	1.0			
333	323	321	0.883	0.0	1.0	46.0	49.6	−24.5	55.3	333	0.814	0.0	1.0	43.6	40.5	−30.4	50.7	323	0.883	0.0	1.0	0.807	0.0	1.0	43.4	39.6	−30.9	50.3	321	0.883	0.0	1.0			
336	324	322	0.9	0.0	1.0	46.6	52.8	−23.2	57.7	336	0.82	0.0	1.0	43.8	41.3	−29.9	51.0	324	0.9	0.0	1.0	0.813	0.0	1.0	43.6	40.4	−30.4	50.6	322	0.9	0.0	1.0			
338	325	323	0.916	0.0	1.0	47.2	56.0	−21.7	60.0	338	0.827	0.0	1.0	44.1	42.1	−29.4	51.4	325	0.917	0.0	1.0	0.819	0.0	1.0	43.8	41.2	−30.0	51.0	323	0.917	0.0	1.0			
341	326	324	0.933	0.0	1.0	47.8	59.1	−19.9	62.4	341	0.833	0.0	1.0	44.3	42.9	−28.9	51.8	326	0.933	0.0	1.0	0.826	0.0	1.0	44.0	42.0	−29.5	51.3	324	0.933	0.0	1.0			
343	327	325	0.95	0.0	1.0	48.4	62.2	−17.9	64.8	343	0.84	0.0	1.0	44.5	43.7	−28.3	52.2	327	0.95	0.0	1.0	0.832	0.0	1.0	44.2	42.7	−29.0	51.7	325	0.95	0.0	1.0			
346	328	326	0.966	0.0	1.0	48.9	65.3	−15.7	67.1	346	0.846	0.0	1.0	44.7	44.5	−27.7	52.5	328	0.967	0.0	1.0	0.838	0.0	1.0	44.5	43.5	−28.5	52.0	326	0.967	0.0	1.0			
349	329	327	0.983	0.0	1.0	49.5	68.2	−13.2	69.5	349	0.853	0.0	1.0	45.0	45.3	−27.1	52.9	329	0.983	0.0	1.0	0.844	0.0	1.0	44.7	44.3	−27.9	52.4	327	0.983	0.0	1.0			
351	330	328	1.0	0.0	1.0	50.1	71.1	−10.5	71.8	351	M_d 0.859	0.0	1.0	45.2	46.1	−26.5	53.3	330	M_s 1.0	0.0	1.0	0.85	0.0	1.0	44.9	45.0	−27.4	52.8	328	M_e 1.0	0.0	1.0			
351	331	329	1.0	0.0	0.983	49.9	71.5	−10.1	72.2	351	0.866	0.0	1.0	45.4	46.9	−25.9	53.7	331	1.0	0.0	0.983	0.856	0.0	1.0	45.1	45.8	−26.8	53.1	329	1.0	0.0	0.983			
352	332	330	1.0	0.0	0.966	49.7	71.9	−9.8	72.5	352	0.872	0.0	1.0	45.6	47.7	−25.3	54.0	332	1.0	0.0	0.967	0.862	0.0	1.0	45.3	46.5	−26.2	53.5	330	1.0	0.0	0.967			
352	333	331	1.0	0.0	0.95	49.6	72.3	−9.4	72.9	352	0.879	0.0	1.0	45.9	48.7	−24.7	54.7	333	1.0	0.0	0.95	0.869	0.0	1.0	45.5	47.3	−25.6	53.8	331	1.0	0.0	0.95			
352	334	332	1.0	0.0	0.933	49.4	72.7	−9.0	73.2	352	0.885	0.0	1.0	46.1	50.0	−24.3	55.6	334	1.0	0.0	0.933	0.875	0.0	1.0	45.7	48.0	−25.0	54.2	332	1.0	0.0	0.933			
353	335	333	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	0.892	0.0	1.0	46.3	51.3	−23.8	56.6	335	1.0	0.0	0.917	0.881	0.0	1.0	46.0	49.2	−24.6	55.0	333	1.0	0.0	0.917			
353	336	334	1.0	0.0	0.9	49.0	73.4	−8.2	73.9	353	0.898	0.0	1.0	46.6	52.5	−23.3	57.5	336	1.0	0.0	0.9	0.887	0.0	1.0	46.2	50.4	−24.1	55.9	334	1.0	0.0	0.9			
353	337	335	1.0	0.0	0.883	48.8	73.8	−7.9	74.3	353	0.905	0.0	1.0	46.8	53.8	−22.7	58.4	337	1.0	0.0	0.883	0.893	0.0	1.0	46.4	51.6	−23.7	56.8	335	1.0	0.0	0.883			
354	338	336	1.0	0.0	0.866	48.6	74.0	−7.3	74.3	354	0.911	0.0	1.0	47.0	55.0	−22.1	59.3	338	1.0	0.0	0.867	0.899	0.0	1.0	46.6	52.8	−23.2	57.7	336	1.0	0.0	0.867			
354	339	337	1.0	0.0	0.85	48.6	73.8	−6.5	74.1	354	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.85	0.906	0.0	1.0	46.8	53.9	−22.6	58.5	337	1.0	0.0	0.85			
355	340	338	1.0	0.0	0.833	48.5	73.6	−5.7	73.9	355	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	340	1.0	0.0	0.833	0.912	0.0	1.0	47.1	55.1	−22.1	59.4	338	1.0	0.0	0.833			
356	341	339	1.0	0.0	0.816	48.5	73.5	−4.9	73.6	356	0.931	0.0	1.0	47.7	58.7	−20.1	62.1	341	1.0	0.0	0.817	0.918	0.0	1.0	47.3	56.3	−21.5	60.3	339	1.0	0.0	0.817			
356	342	339	1.0	0.0	0.8	48.4	73.3	−4.1	73.4	356	0.937	0.0	1.0	48.0	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.924	0.0	1.0	47.5	57.5	−20.8	61.2	339	1.0	0.0	0.8			
357	343	340	1.0	0.0	0.783	48.4	73.1	−3.3	73.2	357	0.944	0.0	1.0	48.2	61.2	−18.6	64.0	343	1.0	0.0	0.783	0.93	0.0	1.0	47.7	58.6	−20.2	62.0	340	1.0	0.0	0.783			
357	344	341	1.0	0.0	0.766	48.3	72.9	−2.6	72.9	357	0.951	0.0	1.0	48.4	62.4	−17.8	64.9	344	1.0	0.0	0.767	0.937	0.0	1.0	47.9	59.8	−19.5	62.9	341	1.0	0.0	0.767			
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358	0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

Daten der Maximalfarbe M im Farbmetrik-System Offset-Normdruck; Separation cmyn6*, D65 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *RYGCBM*$_s$: $h_{ab,ds}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *RYGCBM*$_d$: $h_{ab,d}$ = 33.9, 100.4, 145.5, 208.3, 264.1, 351.6; Sechs Bunttonwinkel der Elementarfarben *RYGCBM*$_e$: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361M			*LAB**ddx361Mi (x=LabCh)						*rgb**ds361Mi			*LAB**dsx361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**de361Mi			*LAB**dex361Mi (x=LabCh)						*rgb**dd361Mi			*rgb**dd	*rgb**ds	*rgb**de
358	345	342	1.0	0.0	0.75	48.3	72.7	−1.8	72.7	358		0.957	0.0	1.0	48.7	63.6	−16.9	65.8	345	1.0	0.0	0.75	0.943	0.0	1.0	48.2	61.0	−18.7	63.8	342	1.0	0.0	0.75			
359	346	343	1.0	0.0	0.733	48.3	72.4	−0.8	72.4	359		0.964	0.0	1.0	48.9	64.7	−16.0	66.7	346	1.0	0.0	0.733	0.949	0.0	1.0	48.4	62.1	−18.0	64.7	343	1.0	0.0	0.733			
360	347	344	1.0	0.0	0.716	48.3	72.1	0.1	72.1	360		0.97	0.0	1.0	49.1	65.9	−15.1	67.7	347	1.0	0.0	0.717	0.955	0.0	1.0	48.6	63.2	−17.2	65.5	344	1.0	0.0	0.717			
360	348	345	1.0	0.0	0.7	48.3	71.8	1.1	71.8	360		0.977	0.0	1.0	49.4	67.1	−14.2	68.6	348	1.0	0.0	0.7	0.961	0.0	1.0	48.8	64.4	−16.3	66.4	345	1.0	0.0	0.7			
361	349	346	1.0	0.0	0.683	48.3	71.5	2.1	71.5	361		0.983	0.0	1.0	49.6	68.2	−13.2	69.5	349	1.0	0.0	0.683	0.968	0.0	1.0	49.0	65.5	−15.5	67.3	346	1.0	0.0	0.683			
362	350	347	1.0	0.0	0.666	48.3	71.1	3.1	71.2	362		0.99	0.0	1.0	49.8	69.4	−12.1	70.4	350	1.0	0.0	0.667	0.974	0.0	1.0	49.3	66.6	−14.6	68.2	347	1.0	0.0	0.667			
363	351	348	1.0	0.0	0.65	48.3	70.8	4.1	70.9	363		0.996	0.0	1.0	50.0	70.5	−11.1	71.4	351	1.0	0.0	0.65	0.98	0.0	1.0	49.5	67.7	−13.7	69.1	348	1.0	0.0	0.65			
364	352	349	1.0	0.0	0.633	48.3	70.4	5.1	70.6	364		1.0	0.0	0.979	49.9	71.6	−10.0	72.3	352	1.0	0.0	0.633	0.986	0.0	1.0	49.7	68.8	−12.7	69.9	349	1.0	0.0	0.633			
364	353	350	1.0	0.0	0.616	48.3	70.1	6.0	70.4	364		1.0	0.0	0.928	49.3	72.8	−8.8	73.4	353	1.0	0.0	0.617	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350	1.0	0.0	0.617			
365	354	351	1.0	0.0	0.6	48.3	69.9	6.8	70.3	365		1.0	0.0	0.878	48.8	74.0	−7.7	74.4	354	1.0	0.0	0.6	0.999	0.0	1.0	50.1	70.9	−10.7	71.7	351	1.0	0.0	0.6			
366	355	352	1.0	0.0	0.583	48.3	69.7	7.7	70.1	366		1.0	0.0	0.849	48.6	73.8	−6.4	74.1	355	1.0	0.0	0.583	1.0	0.0	0.963	49.8	72.0	−9.6	72.6	352	1.0	0.0	0.583			
367	356	353	1.0	0.0	0.566	48.3	69.5	8.5	70.0	367		1.0	0.0	0.821	48.6	73.6	−5.0	73.7	356	1.0	0.0	0.567	1.0	0.0	0.916	49.2	73.1	−8.6	73.6	353	1.0	0.0	0.567			
367	357	354	1.0	0.0	0.55	48.3	69.2	9.4	69.9	367		1.0	0.0	0.793	48.5	73.2	−3.7	73.3	357	1.0	0.0	0.55	1.0	0.0	0.871	48.7	74.0	−7.4	74.4	354	1.0	0.0	0.55			
368	358	355	1.0	0.0	0.533	48.3	69.0	10.2	69.7	368		1.0	0.0	0.765	48.4	72.9	−2.4	73.0	358	1.0	0.0	0.533	1.0	0.0	0.845	48.6	73.8	−6.2	74.1	355	1.0	0.0	0.533			
369	359	356	1.0	0.0	0.516	48.3	68.7	11.0	69.6	369		1.0	0.0	0.741	48.3	72.6	−1.2	72.6	359	1.0	0.0	0.517	1.0	0.0	0.818	48.5	73.5	−4.9	73.7	356	1.0	0.0	0.517			
369	360	352	1.0	0.0	0.5	48.3	68.4	11.9	69.5	369		1.0	0.0	0.72	48.3	72.2	0.0	72.2	360	1.0	0.0	0.5	1.0	0.0	0.976	49.9	71.7	−9.9	72.4	352	1.0	0.0	0.5			
370	361	353	1.0	0.0	0.483	48.3	68.1	13.0	69.4	370		1.0	0.0	0.699	48.3	71.8	1.3	71.8	361	1.0	0.0	0.483	1.0	0.0	0.919	49.2	73.0	−8.6	73.6	353	1.0	0.0	0.483			
371	362	354	1.0	0.0	0.466	48.3	67.8	14.2	69.3	371		1.0	0.0	0.678	48.4	71.4	2.5	71.5	362	1.0	0.0	0.467	1.0	0.0	0.869	48.7	74.0	−7.3	74.4	354	1.0	0.0	0.467			
372	363	355	1.0	0.0	0.45	48.4	67.4	15.3	69.2	372		1.0	0.0	0.657	48.4	71.0	3.7	71.1	363	1.0	0.0	0.45	1.0	0.0	0.838	48.6	73.7	−5.8	74.0	355	1.0	0.0	0.45			
373	364	356	1.0	0.0	0.433	48.4	67.1	16.5	69.1	373		1.0	0.0	0.636	48.4	70.6	4.9	70.7	364	1.0	0.0	0.433	1.0	0.0	0.807	48.5	73.4	−4.4	73.5	356	1.0	0.0	0.433			
374	365	357	1.0	0.0	0.416	48.4	66.7	17.6	69.0	374		1.0	0.0	0.614	48.4	70.2	6.1	70.4	365	1.0	0.0	0.417	1.0	0.0	0.776	48.4	73.0	−2.9	73.1	357	1.0	0.0	0.417			
375	366	358	1.0	0.0	0.4	48.4	66.3	18.8	68.9	375		1.0	0.0	0.591	48.4	69.9	7.3	70.2	366	1.0	0.0	0.4	1.0	0.0	0.746	48.3	72.7	−1.5	72.7	358	1.0	0.0	0.4			
376	367	359	1.0	0.0	0.383	48.4	65.9	19.9	68.8	376		1.0	0.0	0.567	48.4	69.5	8.5	70.1	367	1.0	0.0	0.383	1.0	0.0	0.723	48.3	72.3	−0.1	72.3	359	1.0	0.0	0.383			
377	368	360	1.0	0.0	0.366	48.4	65.6	21.1	68.9	377		1.0	0.0	0.544	48.4	69.2	9.7	69.9	368	1.0	0.0	0.367	1.0	0.0	0.7	48.3	71.8	1.2	71.8	360	1.0	0.0	0.367			
378	369	362	1.0	0.0	0.35	48.4	65.5	22.3	69.2	378		1.0	0.0	0.52	48.4	68.8	10.9	69.7	369	1.0	0.0	0.35	1.0	0.0	0.676	48.4	71.4	2.6	71.4	362	1.0	0.0	0.35			
379	370	363	1.0	0.0	0.333	48.4	65.3	23.5	69.4	379		1.0	0.0	0.498	48.4	68.4	12.1	69.5	370	1.0	0.0	0.333	1.0	0.0	0.653	48.4	70.9	4.0	71.0	363	1.0	0.0	0.333			
380	371	364	1.0	0.0	0.316	48.3	65.1	24.8	69.7	380		1.0	0.0	0.481	48.4	68.1	13.2	69.4	371	1.0	0.0	0.317	1.0	0.0	0.63	48.4	70.4	5.3	70.6	364	1.0	0.0	0.317			
381	372	365	1.0	0.0	0.3	48.3	65.0	26.0	70.0	381		1.0	0.0	0.464	48.4	67.8	14.4	69.3	372	1.0	0.0	0.3	1.0	0.0	0.604	48.4	70.0	6.7	70.4	365	1.0	0.0	0.3			
382	373	366	1.0	0.0	0.283	48.3	64.7	27.3	70.3	382		1.0	0.0	0.448	48.4	67.4	15.6	69.2	373	1.0	0.0	0.283	1.0	0.0	0.578	48.4	69.7	8.0	70.1	366	1.0	0.0	0.283			
383	374	367	1.0	0.0	0.266	48.3	64.5	28.5	70.5	383		1.0	0.0	0.431	48.4	67.1	16.7	69.1	374	1.0	0.0	0.267	1.0	0.0	0.552	48.4	69.3	9.3	69.9	367	1.0	0.0	0.267			
384	375	368	1.0	0.0	0.25	48.3	64.2	29.8	70.8	384		1.0	0.0	0.414	48.4	66.7	17.9	69.0	375	1.0	0.0	0.25	1.0	0.0	0.526	48.4	68.9	10.6	69.7	368	1.0	0.0	0.25			
385	376	369	1.0	0.0	0.233	48.3	64.2	30.8	71.2	385		1.0	0.0	0.397	48.5	66.3	19.0	68.9	376	1.0	0.0	0.233	1.0	0.0	0.5	48.4	68.5	11.9	69.5	369	1.0	0.0	0.233			
386	377	370	1.0	0.0	0.216	48.3	64.1	31.9	71.6	386		1.0	0.0	0.38	48.5	65.8	20.1	68.8	377	1.0	0.0	0.217	1.0	0.0	0.481	48.4	68.1	13.2	69.4	370	1.0	0.0	0.217			
387	378	372	1.0	0.0	0.2	48.3	64.0	33.0	72.0	387		1.0	0.0	0.364	48.5	65.6	21.3	69.0	378	1.0	0.0	0.2	1.0	0.0	0.462	48.4	67.8	14.5	69.3	372	1.0	0.0	0.2			
388	379	373	1.0	0.0	0.183	48.3	63.9	34.0	72.4	388		1.0	0.0	0.347	48.4	65.5	22.6	69.3	379	1.0	0.0	0.183	1.0	0.0	0.444	48.4	67.4	15.8	69.2	373	1.0	0.0	0.183			
388	380	374	1.0	0.0	0.166	48.4	63.8	35.1	72.8	388		1.0	0.0	0.331	48.4	65.3	23.8	69.5	380	1.0	0.0	0.167	1.0	0.0	0.425	48.4	66.9	17.1	69.1	374	1.0	0.0	0.167			
389	381	375	1.0	0.0	0.15	48.4	63.6	36.2	73.2	389		1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.15	1.0	0.0	0.406	48.4	66.5	18.4	69.0	375	1.0	0.0	0.15			
390	382	376	1.0	0.0	0.133	48.4	63.4	37.3	73.6	390		1.0	0.0	0.298	48.4	65.0	26.3	70.1	382	1.0	0.0	0.133	1.0	0.0	0.388	48.5	66.0	19.6	68.9	376	1.0	0.0	0.133			
391	383	377	1.0	0.0	0.116	48.4	63.4	38.1	74.0	391		1.0	0.0	0.281	48.3	64.8	27.5	70.4	383	1.0	0.0	0.117	1.0	0.0	0.369	48.5	65.7	20.9	68.9	377	1.0	0.0	0.117			
391	384	378	1.0	0.0	0.1	48.4	63.4	38.7	74.3	391		1.0	0.0	0.264	48.3	64.5	28.7	70.6	384	1.0	0.0	0.1	1.0	0.0	0.351	48.4	65.5	22.3	69.2	378	1.0	0.0	0.1			
391	385	379	1.0	0.0	0.083	48.3	63.4	39.4	74.6	391		1.0	0.0	0.247	48.3	64.3	30.0	70.9	385	1.0	0.0	0.083	1.0	0.0	0.332	48.4	65.4	23.7	69.5	379	1.0	0.0	0.083			
392	386	381	1.0	0.0	0.066	48.3	63.4	40.0	74.9	392		1.0	0.0	0.226	48.3	64.2	31.3	71.4	386	1.0	0.0	0.067	1.0	0.0	0.314	48.4	65.2	25.0	69.8	381	1.0	0.0	0.067			
392	387	382	1.0	0.0	0.049	48.2	63.4	40.6	75.3	392		1.0	0.0	0.206	48.4	64.1	32.7	71.9	387	1.0	0.0	0.05	1.0	0.0	0.295	48.4	64.9	26.4	70.1	382	1.0	0.0	0.05			
393	388	383	1.0	0.0	0.033	48.2	63.3	41.2	75.6	393		1.0	0.0	0.185	48.4	64.0	34.0	72.4	388	1.0	0.0	0.033	1.0	0.0	0.277	48.3	64.7	27.8	70.4	383	1.0	0.0	0.033			
393	389	384	1.0	0.0	0.016	48.1	63.3	41.8	75.9	393		1.0	0.0	0.164	48.4	63.8	35.4	72.9	389	1.0	0.0	0.017	1.0	0.0	0.258	48.3	64.4	29.2	70.7	384	1.0	0.0	0.017			
393	390	385	1.0	0.0	0.0	48.1	63.3	42.5	76.2	393	R_d	1.0	0.0	0.143	48.5	63.6	36.7	73.4	390	R_s	1.0	0.0	0.0	1.0	0.0	0.237	48.3	64.2	30.6	71.2	385	R_e	1.0	0.0	0.0			

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

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n/j	**HIC*$_{Fde}$**	*rgb*$_{Fde}$			*ict*$_{Fde}$			*h*$_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	*h*$_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1/657	R13Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2	1.0	0.0	0.024	48.2	63.4	40.9	75.5	32.8	0.6	388	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2
2/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.264	0.0	50.6	58.6	51.1	77.8	41.1	0.1	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
3/675	R38Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9	1.0	0.382	0.0	56.3	47.2	57.6	74.5	50.6	1.3	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9
4/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.464	0.0	62.7	34.5	63.5	72.3	61.4	3.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
5/693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8	1.0	0.544	0.0	67.8	25.1	68.3	72.8	69.7	2.8	62	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8
6/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	0.999	0.617	0.126	72.7	15.9	72.8	74.6	77.6	1.3	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
7/711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5	1.0	0.698	0.0	78.1	6.6	79.4	79.7	85.2	1.0	73	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5
8/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	0.799	0.0	84.3	−3.8	86.0	86.1	92.5	0.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
9/639	Y13G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4	1.0	1.0	0.0	92.8	−17.6	95.4	97.0	100.4	0.2	90	0.999	1.0	0.0	92.8	−17.5	95.2	96.8	100.4
10/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6	0.878	1.0	0.0	84.8	−26.5	82.7	86.9	107.7	2.3	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
11/477	Y38G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.774	1.0	0.0	76.2	−36.2	68.2	77.2	117.9	0.691	0.874	0.125	75.5	−36.6	65.9	75.4	119.0	2.4	102	0.774	1.0	0.0	76.2	−36.2	68.2	77.2	117.9
12/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2	0.625	0.875	0.0	69.9	−43.3	58.3	72.6	126.5	1.0	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
13/315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5	0.513	0.889	0.0	65.6	−49.2	51.7	71.3	133.5	4.3	117	0.539	1.0	0.0	63.4	−51.5	48.7	71.0	136.5
14/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.031	1.0	0.111	59.0	−58.9	41.4	72.0	144.8	1.6	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
15/153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0	0.0	1.0	0.618	57.8	−59.5	29.3	66.4	153.7	0.6	187	0.0	1.0	0.614	57.2	−59.5	28.9	66.2	154.0
16/72	G00C_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
17/73	G13C_100_100$_{de}$	0.0	1.0	0.125	1.0	1.0	0.5	157	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	168.6	0.125	0.75	0.625	58.8	−51.6	7.2	52.2	171.9	3.4	198	0.0	1.0	0.796	58.9	−52.7	10.6	53.7	168.6
18/74	G25C_100_100$_{de}$	0.0	1.0	0.25	1.0	1.0	0.5	164	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0	0.023	0.874	0.749	58.0	−50.8	2.3	50.9	177.3	2.7	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
19/75	G38C_100_100$_{de}$	0.0	1.0	0.375	1.0	1.0	0.5	172	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	182.3	0.0	0.997	0.874	59.8	−46.5	−1.7	46.5	182.1	0.2	203	0.0	1.0	0.882	59.7	−46.3	−1.8	46.4	182.3
20/76	G50C_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6	0.185	0.623	0.623	58.6	−44.0	−10.5	45.3	193.4	3.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
21/77	G63C_100_100$_{de}$	0.0	1.0	0.625	1.0	1.0	0.5	188	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	196.9	0.125	0.75	0.75	58.4	−43.7	−12.2	45.4	195.6	1.2	207	0.0	1.0	0.948	58.2	−44.2	−13.4	46.2	196.9
22/78	G75C_100_100$_{de}$	0.0	1.0	0.75	1.0	1.0	0.5	196	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2	0.0	0.875	0.875	57.1	−42.5	−18.8	46.5	203.9	0.5	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
23/79	G88C_100_100$_{de}$	0.0	1.0	0.875	1.0	1.0	0.5	203	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5	0.0	0.993	1.0	57.5	−39.4	−23.4	45.9	210.7	1.2	210	0.0	0.984	1.0	56.6	−40.2	−23.7	46.7	210.5
24/80	C00B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.169	0.623	0.749	55.7	−34.6	−30.2	46.0	221.1	4.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
25/71	C13B_100_100$_{de}$	0.0	0.875	1.0	1.0	1.0	0.5	217	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3	0.125	0.75	0.875	54.6	−36.7	−33.2	49.5	222.1	1.5	215	0.0	0.897	1.0	54.0	−36.6	−34.6	50.4	223.3
26/62	C25B_100_100$_{de}$	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7	0.038	0.749	0.916	52.6	−32.4	−41.1	52.4	231.7	1.9	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
27/53	C38B_100_100$_{de}$	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0	0.003	0.749	0.958	52.7	−25.2	−48.6	54.8	242.5	5.2	220	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
28/44	C50B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.731	1.0	52.6	−23.2	−50.0	55.2	245.0	0.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
29/35	C63B_100_100$_{de}$	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6	0.0	0.556	0.979	48.0	−15.9	−49.8	52.3	252.1	0.7	236	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
30/26	C75B_100_100$_{de}$	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9	0.0	0.375	0.875	44.2	−9.7	−49.7	50.7	258.8	0.0	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
31/17	C88B_100_100$_{de}$	0.0	0.125	1.0	1.0	1.0	0.5	263	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3	0.222	0.15	0.902	41.1	−4.6	−49.3	49.5	264.6	0.7	278	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
32/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.401	0.0	1.0	38.4	0.0	−49.6	49.6	270.1	1.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
33/89	B13M_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3	0.401	0.089	0.828	37.4	6.4	−47.9	48.3	277.6	1.0	298	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3
34/170	B25M_100_100$_{de}$	0.25	0.0	1.0	1.0	1.0	0.5	284	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0	0.5	0.0	0.875	36.4	13.2	−44.8	46.8	286.4	1.6	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
35/251	B38M_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5	0.488	0.125	0.834	38.8	16.5	−43.4	46.5	290.8	2.2	306	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5
36/332	B50M_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.467	0.22	0.623	38.9	25.6	−39.6	47.1	302.9	2.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
37/413	B63M_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7	0.652	0.187	0.874	41.1	29.2	−35.8	46.2	309.1	1.5	313	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7
38/494	B75M_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3	0.739	0.185	0.919	43.5	32.9	−32.8	46.5	315.1	2.1	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
39/575	B88M_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9	0.774	0.25	0.874	45.9	36.7	−30.0	47.4	320.7	3.9	319	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9
40/656	M00R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	0.775	0.285	0.77	46.9	42.1	−26.1	49.5	328.1	3.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
41/655	M13R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2	0.875	0.25	0.875	47.3	51.4	−21.9	55.9	336.8	2.0	324	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2
42/654	M25R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8	0.804	0.299	0.623	47.3	60.1	−18.0	62.7	343.3	1.7	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
43/653	M38R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4	0.873	0.285	0.622	49.5	68.8	−12.2	69.9	349.9	0.6	329	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4
44/652	M50R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	0.997	0.117	0.953	49.7	73.2	−9.4	73.8	352.6	1.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
45/651	M63R_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9	1.0	0.125	0.691	48.3	72.3	−0.7	72.3	359.3	2.0	347	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9
46/650	M75R_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.501	48.6	68.7	9.9	69.5	368.2	2.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
47/649	M88R_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6	1.0	0.004	0.371	48.5	66.2	19.3	68.9	376.2	1.7	368	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6
48/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	384.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
49/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.9	0.0	−0.8	0.8	271.5	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	32.2	0.8	0.0	0.8	6.3	3.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.6	−0.8	1.8	332.7	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.6	0.5	−0.9	1.0	300.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
54/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.1	−1.0	1.0	277.7	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
55/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.4	0.1	−0.1	0.2	305.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
56/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.3	0.1	0.1	0.1	36.1	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
57/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																								delta	**1.7**									

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Farben und Farbabstände, $\Delta E'^*$

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

n/j	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
0/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1/666	R25Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.264	0.0	50.6	58.6	51.1	77.8	41.1	0.1	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
2/684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.464	0.0	62.7	34.5	63.5	72.3	61.4	3.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
3/702	R75Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	0.999	0.617	0.126	72.7	15.9	72.8	74.6	77.6	1.3	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
4/720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	0.799	0.0	84.3	−3.8	86.0	86.1	92.5	0.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
5/558	Y25G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6	0.878	1.0	0.0	84.8	−26.5	82.7	86.9	107.7	2.3	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
6/396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2	0.625	0.875	0.0	69.9	−43.3	58.3	72.6	126.5	1.0	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
7/234	Y75G_100_100$_{de}$	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.031	1.0	0.111	59.0	−58.9	41.4	72.0	144.8	1.6	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
8/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
9/72	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.2	−54.6	18.4	57.6	161.2	1.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
10/76	G25B_100_100$_{de}$	0.0	1.0	0.5	1.0	1.0	0.5	180	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6	0.185	0.623	0.623	58.6	−44.0	−10.5	45.3	193.4	3.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
11/80	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.169	0.623	0.749	55.7	−34.6	−30.2	46.0	221.1	4.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
12/44	G75B_100_100$_{de}$	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.731	1.0	52.6	−23.2	−50.0	55.2	245.0	0.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
13/8	B00M_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.401	0.0	1.0	38.4	0.0	−49.6	49.6	270.1	1.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
14/332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.467	0.22	0.623	38.9	25.6	−39.6	47.1	302.9	2.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
15/656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	0.775	0.285	0.77	46.9	42.1	−26.1	49.5	328.1	3.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
16/652	B75R_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	0.997	0.117	0.953	49.7	73.2	−9.4	73.8	352.6	1.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
17/648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.5	64.6	28.8	70.7	24.0	1.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
18/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	72.4	28.4	10.7	30.4	20.6	5.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
19/706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.732	0.5	78.7	18.9	31.4	36.6	58.8	1.0	0.685	0.521	79.1	13.5	26.1	29.4	62.6	7.5	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
20/724	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.9	0.5	90.3	−1.7	42.9	42.9	92.3	1.0	0.89	0.62	90.2	−5.3	38.7	39.1	97.8	5.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
21/562	Y50G_100_050$_{de}$	0.75	1.0	0.5	1.0	0.5	0.75	120	0.831	1.0	0.5	82.9	−21.8	28.7	36.1	127.2	0.729	0.86	0.611	84.2	−22.9	29.3	37.2	128.0	1.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
22/400	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.877	77.4	−27.4	8.8	28.8	162.2	0.551	0.874	0.749	77.9	−25.3	8.2	26.6	162.0	2.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
23/404	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.97	1.0	75.8	−19.4	−14.6	24.2	216.9	0.532	0.809	0.868	77.5	−19.1	−13.5	23.4	215.3	1.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
24/368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.636	0.606	0.829	69.0	1.5	−25.6	25.6	273.4	2.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
25/692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	0.805	0.613	0.749	72.5	21.0	−12.2	24.3	329.8	2.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
26/688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	72.4	28.4	10.7	30.4	20.6	5.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
27/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	54.3	30.5	13.9	33.5	24.6	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
28/524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.482	0.25	58.6	18.9	31.4	36.6	58.8	0.728	0.45	0.304	60.3	16.6	28.3	32.8	59.6	4.2	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
29/542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.739	0.616	0.36	71.2	−1.9	40.9	41.0	92.6	2.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
30/380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.581	0.75	0.25	62.7	−21.8	28.7	36.1	127.2	0.505	0.584	0.367	65.2	−19.5	27.3	33.6	125.5	3.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
31/218	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.35	0.554	0.456	58.5	−25.8	7.4	26.8	163.8	2.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
32/222	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.328	0.542	0.599	56.1	−17.1	−15.6	23.2	222.3	2.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
33/186	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.391	0.379	0.538	50.7	−0.2	−23.6	23.6	269.2	4.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
34/510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.579	0.391	0.513	48.9	22.2	−14.8	26.7	326.1	1.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
35/506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	54.3	30.5	13.9	33.5	24.6	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
36/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	32.9	35.1	15.0	38.2	23.1	3.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
37/342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.232	0.0	38.4	18.9	31.4	36.6	58.8	0.509	0.267	0.108	39.9	18.5	32.3	37.2	60.1	1.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
38/360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.4	0.0	50.0	−1.7	42.9	42.9	92.3	0.512	0.42	0.156	51.6	−3.6	45.4	45.6	94.6	3.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
39/198	Y50G_050_050$_{de}$	0.25	0.5	0.0	0.5	0.5	0.25	120	0.331	0.5	0.0	42.6	−21.8	28.7	36.1	127.2	0.309	0.386	0.16	43.0	−20.5	31.7	37.7	122.8	3.2	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
40/36	G00B_050_050$_{de}$	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.377	37.1	−27.4	8.8	28.8	162.2	0.198	0.349	0.254	39.4	−23.7	5.9	24.5	165.9	5.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
41/40	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9	0.176	0.321	0.369	37.3	−16.9	−16.7	23.8	224.5	3.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
42/4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7	0.171	0.155	0.295	29.2	−1.4	−27.0	27.1	267.0	3.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
43/328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.357	0.18	0.298	32.2	24.9	−15.4	29.3	328.2	3.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
44/324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	32.9	35.1	15.0	38.2	23.1	3.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
45/0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
46/91	NW_013$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	25.9	0.0	−0.8	0.8	271.5	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
47/182	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	32.2	0.8	0.0	0.8	6.3	3.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
48/273	NW_038$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	43.5	1.6	−0.8	1.8	332.7	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
49/364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	54.6	0.5	−0.9	1.0	300.9	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
50/455	NW_063$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	66.7	0.1	−1.0	1.0	277.7	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
51/546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.4	0.1	−0.1	0.2	305.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
52/637	NW_088$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.3	0.1	0.1	0.1	36.1	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
53/728	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
																								delta	**2.6**									

0−1131834−F0 RG610−7N, Seite 19/33−F

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)

n=j	**HIC*$_{Fde}$**	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
0	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1	B00R_012_012$_{de}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.049	0.0	0.125	18.5	0.1	−6.2	6.2	271.7	0.129	0.118	0.154	16.2	−0.8	−0.8	1.2	225.9	5.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
2	B00R_025_025$_{de}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.099	0.0	0.25	21.3	0.3	−12.4	12.4	271.7	0.147	0.13	0.194	20.7	−3.1	−9.1	9.7	251.0	4.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
3	B00R_037_037$_{de}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.148	0.0	0.375	24.1	0.5	−18.6	18.7	271.7	0.166	0.147	0.243	21.2	−0.8	−25.3	25.3	268.0	7.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
4	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7	0.171	0.155	0.295	27.3	−1.5	−34.8	34.8	267.4	10.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
5	B00R_062_062$_{de}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.248	0.0	0.625	29.7	0.9	−31.1	31.1	271.7	0.174	0.16	0.345	32.1	−3.2	−38.4	38.5	265.1	8.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
6	B00R_075_075$_{de}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.297	0.0	0.75	32.4	1.1	−37.3	37.4	271.7	0.178	0.165	0.407	35.6	−4.3	−42.2	42.4	264.0	8.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
7	B00R_087_087$_{de}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.347	0.0	0.875	35.2	1.3	−43.6	43.6	271.7	0.187	0.167	0.492	37.8	−4.1	−45.6	45.8	264.8	6.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
8	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.401	0.0	1.0	40.4	−5.3	−47.8	48.1	263.6	7.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
9	G00B_012_012$_{de}$	0.0	0.0	0.125	0.0	0.125	0.125	0.062	150	0.0	0.125	0.094	21.1	−6.8	2.2	7.2	162.2	0.13	0.158	0.131	23.1	−24.2	9.1	25.9	159.3	18.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
10	G50B_012_012$_{de}$	0.0	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.117	0.125	20.7	−4.8	−3.6	6.0	216.9	0.126	0.147	0.155	17.4	−11.4	−4.3	12.2	200.8	7.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
11	G75B_025_025$_{de}$	0.0	0.0	0.25	0.25	0.25	0.25	0.125	240	0.0	0.183	0.25	24.8	−6.0	−12.5	13.9	244.3	0.153	0.179	0.231	22.8	−6.1	−23.7	24.5	255.4	11.3	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
12	G84B_037_037$_{de}$	0.0	0.0	0.125	0.375	0.375	0.375	0.187	251	0.0	0.177	0.375	27.3	−5.2	−18.7	19.4	254.3	0.165	0.197	0.289	27.2	−2.6	−34.0	34.1	265.5	15.4	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
13	G88B_050_050$_{de}$	0.0	0.0	0.125	0.5	0.5	0.5	0.25	256	0.0	0.158	0.5	30.0	−4.8	−24.8	25.3	258.9	0.168	0.204	0.336	31.3	−3.4	−38.5	38.6	264.8	13.7	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
14	G90B_062_062$_{de}$	0.0	0.0	0.125	0.625	0.625	0.625	0.312	259	0.0	0.143	0.625	32.6	−4.5	−31.0	31.3	261.6	0.171	0.212	0.384	35.1	−3.9	−41.8	42.0	264.6	11.1	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
15	G92B_075_075$_{de}$	0.0	0.0	0.125	0.75	0.75	0.75	0.375	261	0.0	0.112	0.75	35.3	−4.1	−36.8	37.1	263.5	0.175	0.219	0.448	37.7	−4.8	−44.4	44.7	263.7	8.0	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
16	G93B_087_087$_{de}$	0.0	0.0	0.125	0.875	0.875	0.875	0.437	262	0.037	0.0	0.875	38.1	−4.1	−42.9	43.1	264.4	0.177	0.229	0.521	39.6	−4.4	−47.1	47.3	264.5	4.5	272	0.042	0.0	1.0	41.3	−4.7	−49.0	49.2	264.4
17	G94B_100_100$_{de}$	0.0	0.0	0.125	1.0	1.0	1.0	0.5	263	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3	0.222	0.15	0.902	41.5	−5.0	−49.0	49.2	264.0	1.3	278	0.155	0.0	1.0	40.8	−3.9	−49.1	49.3	265.3
18	G00B_025_025$_{de}$	0.0	0.0	0.25	0.0	0.25	0.25	0.125	150	0.0	0.25	0.188	26.4	−13.7	4.4	14.4	162.2	0.152	0.21	0.155	32.6	−40.9	19.0	45.1	155.0	31.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
19	G25B_025_025$_{de}$	0.0	0.0	0.25	0.125	0.25	0.25	0.125	180	0.0	0.25	0.228	26.5	−11.4	−1.9	11.5	189.6	0.185	0.254	0.239	31.7	−46.5	17.3	49.7	159.5	40.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
20	G50B_025_025$_{de}$	0.0	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.235	0.25	25.6	−9.7	−7.3	12.1	216.9	0.153	0.201	0.218	26.8	−29.3	−6.7	30.0	192.9	19.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
21	G65B_037_037$_{de}$	0.0	0.0	0.25	0.375	0.375	0.375	0.187	229	0.0	0.307	0.375	29.7	−11.6	−16.2	20.0	234.3	0.158	0.249	0.313	32.8	−13.6	−34.1	36.7	248.2	18.1	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
22	G75B_050_050$_{de}$	0.0	0.0	0.25	0.5	0.5	0.5	0.25	240	0.0	0.366	0.5	33.9	−12.0	−25.1	27.8	244.3	0.161	0.268	0.383	36.6	−6.9	−42.8	43.4	260.7	18.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
23	G80B_062_062$_{de}$	0.0	0.0	0.25	0.625	0.625	0.625	0.312	247	0.0	0.361	0.625	36.2	−10.9	−31.4	33.2	250.7	0.159	0.271	0.435	39.7	−7.0	−45.2	45.8	261.1	14.8	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
24	G84B_075_075$_{de}$	0.0	0.0	0.25	0.75	0.75	0.75	0.375	251	0.0	0.354	0.75	39.0	−10.4	−37.4	38.9	254.3	0.158	0.285	0.493	41.6	−6.7	−47.8	48.3	261.9	11.2	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
25	G86B_087_087$_{de}$	0.0	0.0	0.25	0.875	0.875	0.875	0.437	254	0.0	0.324	0.875	41.5	−9.9	−43.5	44.6	257.1	0.149	0.307	0.587	42.3	−6.1	−49.5	49.8	262.9	7.1	248	0.0	0.37	1.0	45.2	−11.3	−49.7	51.0	257.1
26	G88B_100_100$_{de}$	0.0	0.0	0.25	1.0	1.0	1.0	0.5	256	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9	0.0	0.375	0.875	42.9	−7.6	−49.7	50.3	261.2	2.3	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
27	G00B_037_037$_{de}$	0.0	0.0	0.375	0.0	0.375	0.375	0.187	150	0.0	0.375	0.282	31.7	−20.6	6.6	21.6	162.2	0.189	0.297	0.22	41.5	−49.4	26.8	56.2	151.5	36.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
28	G15B_037_037$_{de}$	0.0	0.0	0.375	0.125	0.375	0.375	0.187	169	0.0	0.375	0.325	32.3	−17.6	0.1	17.6	179.5	0.2	0.304	0.271	40.5	−53.3	25.5	59.1	154.3	44.6	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
29	G34B_037_037$_{de}$	0.0	0.0	0.375	0.25	0.375	0.375	0.187	191	0.0	0.375	0.36	31.6	−16.3	−5.8	17.3	199.6	0.185	0.289	0.291	41.2	−68.2	22.9	72.0	161.3	60.1	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
30	G50B_037_037$_{de}$	0.0	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.352	0.375	30.6	−14.5	−10.9	18.2	216.9	0.169	0.27	0.302	40.3	−48.4	−6.5	48.9	187.6	35.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
31	G61B_050_050$_{de}$	0.0	0.0	0.375	0.5	0.5	0.5	0.25	224	0.0	0.426	0.5	34.4	−16.8	−19.9	26.1	229.7	0.157	0.291	0.37	43.4	−22.7	−39.6	45.7	240.1	22.4	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
32	G69B_062_062$_{de}$	0.0	0.0	0.375	0.625	0.625	0.625	0.312	233	0.0	0.494	0.625	38.9	−18.0	−28.8	34.0	237.9	0.147	0.33	0.46	45.0	−12.4	−47.6	49.2	255.3	20.5	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
33	G75B_075_075$_{de}$	0.0	0.0	0.375	0.75	0.75	0.75	0.375	240	0.0	0.549	0.75	43.1	−18.0	−37.6	41.8	244.3	0.136	0.382	0.558	44.2	−9.0	−49.4	50.2	259.6	14.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
34	G79B_087_087$_{de}$	0.0	0.0	0.375	0.875	0.875	0.875	0.437	245	0.0	0.547	0.875	45.2	−16.9	−44.0	47.1	248.9	0.04	0.391	0.605	44.3	−9.7	−49.7	50.6	258.9	9.2	231	0.0	0.626	1.0	49.4	−19.3	−50.3	53.9	248.9
35	G81B_100_100$_{de}$	0.0	0.0	0.375	1.0	1.0	1.0	0.5	248	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6	0.0	0.556	0.979	45.3	−11.4	−49.7	51.0	256.9	5.8	236	0.0	0.553	1.0	48.1	−16.6	−50.2	52.8	251.6
36	G00B_050_050$_{de}$	0.0	0.0	0.5	0.0	0.5	0.5	0.25	150	0.0	0.5	0.377	37.1	−27.4	8.8	28.8	162.2	0.198	0.349	0.254	47.7	−54.5	31.7	63.1	149.8	37.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
37	G11B_050_050$_{de}$	0.0	0.0	0.5	0.125	0.5	0.5	0.25	164	0.0	0.5	0.419	37.6	−24.8	2.1	24.9	175.0	0.206	0.359	0.303	47.0	−56.7	30.9	64.6	151.3	44.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
38	G25B_050_050$_{de}$	0.0	0.0	0.5	0.25	0.5	0.5	0.25	180	0.0	0.5	0.457	37.3	−22.8	−3.8	23.1	189.6	0.206	0.364	0.344	46.6	−63.9	28.5	70.0	155.9	53.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
39	G38B_050_050$_{de}$	0.0	0.0	0.5	0.375	0.5	0.5	0.25	196	0.0	0.5	0.49	36.6	−21.0	−9.4	23.0	204.2	0.198	0.354	0.369	47.8	−77.6	25.3	81.7	161.8	67.4	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
40	G50B_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9	0.176	0.321	0.369	49.5	−58.1	−7.4	58.6	187.2	41.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
41	G59B_062_062$_{de}$	0.0	0.0	0.5	0.625	0.625	0.625	0.312	221	0.0	0.545	0.625	39.2	−21.9	−23.5	32.1	227.0	0.15	0.354	0.444	50.9	−33.5	−37.2	50.1	227.9	21.5	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
42	G65B_075_075$_{de}$	0.0	0.0	0.5	0.75	0.75	0.75	0.375	229	0.0	0.614	0.75	43.7	−23.3	−32.5	40.1	234.3	0.136	0.402	0.54	49.0	−16.8	−49.5	52.3	251.2	18.9	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
43	G70B_087_087$_{de}$	0.0	0.0	0.5	0.875	0.875	0.875	0.437	235	0.0	0.68	0.875	48.1	−24.2	−41.5	48.1	239.7	0.015	0.446	0.623	46.9	−14.1	−49.8	51.8	254.2	13.1	222	0.0	0.778	1.0	52.8	−27.6	−47.5	54.9	239.7
44	G75B_100_100$_{de}$	0.0	0.0	0.5	1.0	1.0	1.0	0.5	240	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3	0.0	0.731	1.0	47.1	−14.6	−50.0	52.1	253.6	10.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
45	G00B_062_062$_{de}$	0.0	0.0	0.625	0.0	0.625	0.625	0.312	150	0.0	0.625	0.471	42.4	−34.3	11.0	36.0	162.2	0.21	0.415	0.298	52.2	−57.6	35.4	67.6	148.3	35.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
46	G09B_062_062$_{de}$	0.0	0.0	0.625	0.125	0.625	0.625	0.312	161	0.0	0.625	0.512	42.9	−31.9	4.3	32.2	172.2	0.215	0.43	0.36	51.5	−60.2	34.5	69.4	150.1	42.3	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
47	G19B_062_062$_{de}$	0.0	0.0	0.625	0.25	0.625	0.625	0.312	173	0.0	0.625	0.554	43.2	−28.9	−1.6	28.9	183.2	0.218	0.43	0.397	51.7	−64.2	34.0	72.6	152.1	50.8	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
48	G30B_062_062$_{de}$	0.0	0.0	0.625	0.375	0.625	0.625	0.312	187	0.0	0.625	0.59	42.3	−27.7	−7.9	28.9	195.9	0.201	0.416	0.419	51.5	−72.1	32.4	79.0	155.7	60.6	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
49	G40B_062_062$_{de}$	0.0	0.0	0.625	0.5	0.625	0.625	0.312	199	0.0	0.625	0.621	41.6	−25.6	−13.0	28.8	206.9	0.19	0.402	0.433	50.2	−72.2	17.0	74.2	166.7	56.0	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
50	G50B_062_062$_{de}$	0.0	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.588	0.625	40.4	−24.2	−18.2	30.3	216.9	0.17	0.384	0.442	51.8	−55.1	−12.5	56.5	192.8	33.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
51	G57B_075_075$_{de}$	0.0	0.0	0.625	0.75	0.75	0.75	0.375	219	0.0	0.664	0.75	44.1	−26.9	−27.0	38.1	225.1	0.147	0.416	0.519	52.5	−37.6	−36.2	52.2	223.9	16.4	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
52	G63B_087_087$_{de}$	0.0	0.0	0.625	0.875	0.875	0.875	0.437	226	0.0	0.734	0.875	48.4	−28.6	−36.1	46.1	231.5	0.128	0.477	0.621	51.6	−22.3	−50.2	54.9	245.9	15.7	218	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231.5
53	G68B_100_100$_{de}$	0.0	0.0	0.625	1.0	1.0	1.0	0.5	232	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0	0.003	0.749	0.958	49.4	−19.3	−50.3	53.8	248.9	11.7	220	0.0	0.798	1.0	52.9	−29.4	−45.5	54.2	237.0
54	G00B_075_075$_{de}$	0.0	0.0	0.75	0.0	0.75	0.75	0.375	150	0.0	0.75	0.565	47.8	−41.2	13.2	43.2	162.2	0.216	0.478	0.353	57.0	−60.2	38.8	71.6	147.1	33.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
55	G07B_075_075$_{de}$	0.0	0.0	0.75	0.125	0.75	0.75	0.375	159	0.0	0.75	0.606	48.2	−38.9	6.5	39.4	170.4	0.215	0.483	0.4	56.7	−62.2	38.3	73.0	148.3	40.2	199	0.0	1.0	0.808	59.1	−51.9	8.7	52.6	170.4
56	G15B_075_075$_{de}$	0.0	0.0	0.75	0.25	0.75	0.75	0.375	169	0.0	0.75	0.651	48.8	−35.2	0.2	35.2	179.5	0.223	0.491	0.44	55.8	−63.6	37.3	73.8	149.5	47.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
57	G25B_075_075$_{de}$	0.0	0.0	0.75	0.375	0.75	0.75	0.375	180	0.0	0.75	0.686	48.2	−34.2	−5.7	34.7	189.6	0.212	0.484	0.468	54.7	−65.6	35.4	74.5	151.6	52.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
58	G34B_075_075$_{de}$	0.0	0.0	0.75	0.5	0.75	0.75	0.375	191	0.0	0.75	0.72	47.4	−32.6	−11.6	34.6	199.6	0.201	0.472	0.49	54.2	−65.8	27.3	71.2	157.4	51.6	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
59	G42B_075_075$_{de}$	0.0	0.0	0.75	0.625	0.75	0.75	0.375	201	0.0	0.747	0.75	46.7	−30.3	−16.6	34.6	208.7	0.193	0.459	0.505	55.5	−57.3	7.6	57.8	172.4	37.3	210	0.0	0.997	1.0	57.0	−40.5	−22.2	46.2	208.7
60	G50B_075_075$_{de}$	0.0	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.705	0.75	45.4	−29.1	−21.9	36.4	216.9	0.169	0.437	0.512	55.2	−48.5	−14.0	50.5	196.1	23.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
61	G56B_087_087$_{de}$	0.0	0.0	0.75	0.875	0.875	0.875	0.437	218	0.0	0.78	0.875	49.0	−31.7	−30.9	44.3	224.2	0.143	0.494	0.606	52.7	−36.7	−37.2	52.2	225.3	8.7	215	0.0	0.891	1.0	53.8	−36.2	−35.3	50.6	224.2
62	G61B_100_100$_{de}$	0.0	0.0	0.75	1.0	1.0	1.0	0.5	224	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7	0.038	0.749	0.916	52.6	−24.9	−50.1	56.0	243.5	13.5	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
63	G00B_087_087$_{de}$	0.0	0.0	0.875	0.0	0.875	0.875	0.437	150	0.0	0.875	0.66	53.1	−48.0	15.4	50.4	162.2	0.125	1.0	0.75	58.9	−58.7	40.8	71.5	145.1	28.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
64	G06B_087_087$_{de}$	0.0	0.0	0.875	0.125	0.875	0.875	0.437	158	0.0	0.875	0.702	53.6	−45.7	8.4	46.5	169.5	0.211	0.563	0.463	58.0	−60.1	40.3	72.4	146.1	35.2	199	0.0	1.0	0.802	59.0	−52.3	9.6	53.2	169.5
65	G13B_087_087$_{de}$	0.0	0.0	0.875	0.25	0.875	0.875	0.437	166	0.0	0.875	0.744	54.1	−42.5	2.3	42.6	176.8	0.0	1.0	0.875	57.4	−60.6	39.3	72.2	147.0	41.2	202	0.0	1.0	0.85	59.6	−48.6	2.6	48.7	176.8
66	G20B_087_087$_{de}$	0.0	0.0	0.875	0.375	0.875	0.875	0.437	175	0.0	0.875	0.783	54.0	−40.4	−3.5	40.5	185.0	0.125	1.0	0.874	56.4	−62.6	37.5	73.0	149.0	46.7	204	0.0	1.0	0.895	59.4	−46.1	−4.0	46.3	185.0
67	G29B_087_087$_{de}$	0.0	0.0	0.875	0.5	0.875	0.875	0.437	185	0.0	0.875	0.819	53.1	−39.2	−9.9	40.4	194.1	0.191	0.559	0.564	56.0	−62.8	32.5	70.7	152.6	48.6	206	0.0	1.0	0.936	58.5	−44.8	−11.3	46.2	194.1
68	G36B_087_087$_{de}$	0.0	0.0	0.875	0.625	0.875	0.875	0.437	194	0.0	0.875	0.851	52.4	−37.3	−15.3	40.4	202.3	0.125	0.874	0.874	56.8	−58.9	22.5	63.1	159.1	43.8	208	0.0	1.0	0.973	57.7	−42.6	−17.5	46.1	202.3
69	G43B_087_087$_{de}$	0.0	0.0	0.875	0.75	0.875	0.875	0.437	202	0.0	0.867	0.875	51.6	−35.3	−20.1	40.6	209.6	0.125	1.0	1.0	58.3	−51.2	4.3	51.4	175.1	29.9	210	0.0	0.99	1.0	56.8	−40.3	−23.0	46.4	209.6
70	G50B_087_087$_{de}$	0.0	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.823	0.875	50.3	−33.9	−25.5	42.5	216.9	0.158	0.52	0.604	56.8	−43.3	−17.5	46.7	202.0	13.9	213	0.0	0.941	1.0

n	**HIC*$_{Fde}$**	***rgb*$_{Fde}$**			***ict*$_{Fde}$**			***h*$_{si_Fde}$**	***rgb**$_{Fde}$**			***LabCh**$_{Fde}$**					***rgb'**$_{Fde}$**			***LabCh'**$_{Fde}$**					***DE'***$_{Fde}$	***h*$_{siM,de}$**	***rgb**$_{Mde}$**			***LabCh**$_{Mde}$**			
81	R00Y_012_012$_{de}$	0.125	0.0	0.0	0.125	0.125	0.062	390	0.125	0.0	0.029	19.8	8.0	3.8	8.8	25.4	0.235	0.118	0.08	17.2	1.4	0.5	1.4	19.6	7.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
82	B50R_012_012$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.106	0.0	0.125	19.4	5.6	−3.4	6.5	328.6	0.189	0.117	0.146	17.3	6.5	−10.2	12.1	302.8	7.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
83	B25R_025_025$_{de}$	0.125	0.0	0.25	0.25	0.25	0.125	300	0.164	0.0	0.25	21.4	5.8	−10.1	11.7	300.1	0.192	0.128	0.187	22.6	5.8	−32.5	33.0	280.1	22.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
84	B15R_037_037$_{de}$	0.125	0.0	0.375	0.375	0.375	0.187	289	0.217	0.0	0.375	23.7	6.0	−16.7	17.7	289.7	0.201	0.142	0.237	25.5	2.8	−35.8	35.9	274.4	19.4	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
85	B11R_050_050$_{de}$	0.125	0.0	0.5	0.5	0.5	0.25	284	0.271	0.0	0.5	26.2	6.2	−23.1	23.9	285.0	0.205	0.15	0.286	29.9	2.4	−41.4	41.5	273.3	19.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
86	B09R_062_062$_{de}$	0.125	0.0	0.625	0.625	0.625	0.312	281	0.325	0.0	0.625	28.7	6.3	−29.5	30.1	282.1	0.206	0.151	0.33	34.0	−0.1	−43.6	43.6	269.8	16.4	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
87	B07R_075_075$_{de}$	0.125	0.0	0.75	0.75	0.75	0.375	279	0.378	0.0	0.75	31.3	6.4	−35.8	36.3	280.2	0.207	0.153	0.373	36.5	−1.5	−45.6	45.6	268.0	13.7	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
88	B06R_087_087$_{de}$	0.125	0.0	0.875	0.875	0.875	0.437	278	0.434	0.0	0.875	33.9	6.8	−42.0	42.5	279.3	0.229	0.157	0.458	38.6	−3.0	−47.6	47.7	266.3	12.3	299	0.496	0.0	1.0	36.5	7.8	−48.0	48.6	279.3
89	B05R_100_100$_{de}$	0.125	0.0	1.0	1.0	1.0	0.5	277	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3	0.401	0.089	0.828	40.9	−4.1	−49.0	49.2	265.1	12.0	298	0.483	0.0	1.0	36.7	7.1	−48.2	48.7	278.3
90	Y00G_012_012$_{de}$	0.125	0.125	0.0	0.125	0.125	0.062	90	0.125	0.1	0.0	24.3	−0.4	10.7	10.7	92.3	0.241	0.198	0.123	18.5	−1.7	1.7	2.4	134.9	10.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
91	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	16.8	0.0	−0.2	0.2	263.1	8.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
92	B00R_025_012$_{de}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.174	0.124	0.25	28.6	0.1	−6.2	6.2	271.7	0.271	0.258	0.288	23.8	−2.4	−24.8	24.9	264.3	19.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
93	B00R_037_025$_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.224	0.124	0.375	31.4	0.3	−12.4	12.4	271.7	0.278	0.262	0.328	30.3	−2.3	−38.9	39.0	266.4	26.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
94	B00R_050_037$_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.273	0.124	0.5	34.2	0.5	−18.6	18.7	271.7	0.286	0.271	0.372	34.2	−1.6	−44.5	44.5	267.9	25.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
95	B00R_062_050$_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.323	0.125	0.625	36.9	0.7	−24.9	24.9	271.7	0.29	0.278	0.424	37.0	−2.9	−45.4	45.5	266.3	20.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
96	B00R_075_062$_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.373	0.125	0.75	39.7	0.9	−31.1	31.1	271.7	0.293	0.285	0.476	38.7	−3.7	−46.8	47.0	265.4	16.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
97	B00R_087_075$_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.422	0.125	0.875	42.5	1.1	−37.3	37.4	271.7	0.316	0.307	0.565	40.5	−4.4	−48.5	48.7	264.7	12.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
98	B00R_100_087$_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.472	0.125	1.0	45.3	1.3	−43.6	43.6	271.7	0.401	0.347	0.729	41.2	−4.7	−49.4	49.6	264.5	9.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
99	Y50G_025_025$_{de}$	0.125	0.25	0.0	0.25	0.25	0.125	120	0.165	0.25	0.0	29.2	−10.9	14.3	18.0	127.2	0.238	0.273	0.157	31.5	−35.8	18.7	40.4	152.3	25.3	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
100	G00B_025_012$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.219	31.1	−6.8	2.2	7.2	162.2	0.264	0.297	0.263	31.8	−27.7	12.8	30.5	155.1	23.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
101	G50B_025_012$_{de}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.242	0.25	30.8	−4.8	−3.6	6.0	216.9	0.262	0.285	0.289	27.5	−19.2	−7.1	20.5	200.5	15.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
102	G75B_037_025$_{de}$	0.125	0.25	0.375	0.375	0.25	0.25	240	0.124	0.308	0.375	34.9	−6.0	−12.5	13.9	244.3	0.271	0.313	0.366	33.0	−12.3	−28.1	30.7	246.2	16.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
103	G84B_050_037$_{de}$	0.125	0.25	0.5	0.5	0.375	0.312	251	0.124	0.302	0.5	37.4	−5.2	−18.7	19.4	254.3	0.277	0.32	0.416	38.0	−8.8	−42.0	42.9	258.0	23.5	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
104	G88B_062_050$_{de}$	0.125	0.25	0.625	0.625	0.5	0.375	256	0.125	0.283	0.625	40.0	−4.8	−24.8	25.3	258.9	0.278	0.325	0.463	40.6	−6.2	−46.9	47.3	262.4	22.1	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
105	G90B_075_062$_{de}$	0.125	0.25	0.75	0.75	0.625	0.437	259	0.125	0.268	0.75	42.7	−4.5	−31.0	31.3	261.6	0.284	0.335	0.518	41.9	−6.1	−48.7	49.1	262.8	17.8	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
106	G92B_087_075$_{de}$	0.125	0.25	0.875	0.875	0.75	0.5	261	0.125	0.237	0.875	45.4	−4.1	−36.8	37.1	263.5	0.314	0.363	0.6	42.4	−6.8	−49.5	49.9	262.1	13.2	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
107	G93B_100_087$_{de}$	0.125	0.25	1.0	1.0	0.875	0.562	262	0.162	0.125	1.0	48.2	−4.1	−42.9	43.1	264.4	0.38	0.399	0.737	42.6	−7.5	−49.4	50.0	261.3	9.2	272	0.042	0.0	1.0	41.3	−4.7	−49.0	49.2	264.4
108	Y68G_037_037$_{de}$	0.125	0.375	0.0	0.375	0.375	0.187	131	0.175	0.375	0.0	32.9	−20.4	17.1	26.7	140.0	0.216	0.301	0.152	41.2	−47.5	25.9	54.2	151.3	29.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
109	G00B_037_025$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.313	36.5	−13.7	4.4	14.4	162.2	0.266	0.344	0.282	40.8	−50.6	25.2	56.6	153.4	42.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
110	G25B_037_025$_{de}$	0.125	0.375	0.25	0.375	0.25	0.25	180	0.124	0.375	0.353	36.6	−11.4	−1.9	11.5	189.6	0.275	0.35	0.329	39.9	−47.1	14.3	49.3	163.0	39.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
111	G50B_037_025$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.36	0.375	35.7	−9.7	−7.3	12.1	216.9	0.268	0.338	0.353	38.4	−35.9	−8.8	37.0	193.8	26.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
112	G65B_050_037$_{de}$	0.125	0.375	0.5	0.5	0.375	0.312	229	0.124	0.432	0.5	39.8	−11.6	−16.2	20.0	234.3	0.258	0.372	0.439	41.0	−20.8	−33.2	39.2	237.9	19.2	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
113	G75B_062_050$_{de}$	0.125	0.375	0.625	0.625	0.5	0.375	240	0.125	0.491	0.625	44.0	−12.0	−25.1	27.8	244.3	0.256	0.391	0.514	44.4	−13.5	−45.9	47.8	253.5	20.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
114	G80B_075_062$_{de}$	0.125	0.375	0.75	0.75	0.625	0.437	247	0.125	0.486	0.75	46.3	−10.9	−31.4	33.2	250.7	0.278	0.409	0.584	44.9	−10.0	−49.1	50.1	258.4	17.8	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
115	G84B_087_075$_{de}$	0.125	0.375	0.875	0.875	0.75	0.5	251	0.125	0.479	0.875	49.0	−10.4	−37.4	38.9	254.3	0.302	0.448	0.686	45.2	−10.8	−49.4	50.5	257.5	12.5	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
116	G86B_100_087$_{de}$	0.125	0.375	1.0	1.0	0.875	0.562	254	0.125	0.449	1.0	51.6	−9.9	−43.5	44.6	257.1	0.35	0.483	0.845	45.2	−11.5	−49.6	51.0	256.9	9.0	248	0.0	0.37	1.0	45.2	−11.3	−49.7	51.0	257.1
117	Y76G_050_050$_{de}$	0.125	0.5	0.0	0.5	0.5	0.25	136	0.0	0.5	0.034	36.9	−30.0	20.3	36.2	145.9	0.204	0.339	0.154	47.9	−53.6	31.9	62.4	149.2	28.5	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
118	G00B_050_037$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.407	41.8	−20.6	6.6	21.6	162.2	0.277	0.41	0.327	47.1	−57.3	31.0	65.1	151.5	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
119	G15B_050_037$_{de}$	0.125	0.5	0.25	0.5	0.375	0.312	169	0.124	0.5	0.45	42.3	−17.6	0.1	17.6	179.5	0.287	0.421	0.383	47.8	−64.8	29.5	71.2	155.4	55.8	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
120	G34B_050_037$_{de}$	0.125	0.5	0.375	0.5	0.375	0.312	191	0.124	0.5	0.485	41.6	−16.3	−5.8	17.3	199.6	0.274	0.408	0.407	48.9	−66.7	19.3	69.4	163.7	56.8	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
121	G50B_050_037$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.477	0.5	40.6	−14.5	−10.9	18.2	216.9	0.263	0.393	0.424	48.9	−52.8	−9.5	53.7	190.2	39.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
122	G61B_062_050$_{de}$	0.125	0.5	0.625	0.625	0.5	0.375	224	0.125	0.551	0.625	44.5	−16.8	−19.9	26.1	229.7	0.242	0.414	0.495	49.4	−32.4	−34.3	47.2	226.6	21.8	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
123	G69B_075_062$_{de}$	0.125	0.5	0.75	0.75	0.625	0.437	233	0.125	0.619	0.75	49.0	−18.0	−28.8	34.0	237.9	0.243	0.492	0.621	48.7	−18.3	−47.5	50.9	248.8	18.6	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
124	G75B_087_075$_{de}$	0.125	0.5	0.875	0.875	0.75	0.5	240	0.125	0.674	0.875	53.1	−18.0	−37.6	41.8	244.3	0.262	0.558	0.783	47.9	−15.6	−49.6	52.0	252.5	13.2	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
125	G79B_100_087$_{de}$	0.125	0.5	1.0	1.0	0.875	0.562	245	0.125	0.672	1.0	55.3	−16.9	−44.0	47.1	248.9	0.255	0.603	0.948	48.0	−15.9	−49.7	52.2	252.1	9.2	231	0.0	0.626	1.0	49.4	−19.3	−50.3	53.9	248.9
126	Y81G_062_062$_{de}$	0.125	0.625	0.0	0.625	0.625	0.312	139	0.0	0.625	0.255	41.6	−38.3	22.6	44.5	149.4	0.203	0.392	0.178	51.7	−57.7	34.6	67.3	149.0	24.9	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
127	G00B_062_050$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.502	47.2	−27.4	8.8	28.8	162.2	0.276	0.464	0.365	51.3	−61.3	34.0	70.1	150.9	42.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
128	G11B_062_050$_{de}$	0.125	0.625	0.25	0.625	0.5	0.375	164	0.125	0.625	0.544	47.7	−24.8	2.1	24.9	175.0	0.278	0.467	0.409	52.2	−64.5	34.3	73.0	151.9	51.2	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
129	G25B_062_050$_{de}$	0.125	0.625	0.375	0.625	0.5	0.375	180	0.125	0.625	0.582	47.4	−22.8	−3.8	23.1	189.6	0.274	0.464	0.442	52.1	−69.6	30.0	75.8	156.6	58.0	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
130	G38B_062_050$_{de}$	0.125	0.625	0.5	0.625	0.5	0.375	196	0.125	0.625	0.615	46.7	−21.0	−9.4	23.0	204.2	0.264	0.453	0.467	53.3	−62.7	12.8	64.1	168.4	47.8	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
131	G50B_062_050$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.595	0.625	45.6	−19.4	−14.6	24.2	216.9	0.251	0.437	0.483	54.2	−51.3	−10.6	52.4	191.7	33.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
132	G59B_075_062$_{de}$	0.125	0.625	0.75	0.75	0.625	0.437	221	0.125	0.67	0.75	49.3	−21.9	−23.5	32.1	227.0	0.237	0.501	0.591	52.6	−40.0	−32.5	51.6	219.0	20.5	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
133	G65B_087_075$_{de}$	0.125	0.625	0.875	0.875	0.75	0.5	229	0.125	0.739	0.875	53.7	−23.3	−32.5	40.1	234.3	0.232	0.575	0.742	51.9	−24.3	−48.9	54.6	243.5	16.4	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
134	G70B_100_087$_{de}$	0.125	0.625	1.0	1.0	0.875	0.562	235	0.125	0.805	1.0	58.2	−24.2	−41.5	48.1	239.7	0.207	0.746	0.975	50.6	−20.8	−50.0	54.2	247.3	11.8	222	0.0	0.778	1.0	52.8	−27.6	−47.5	54.9	239.7
135	Y85G_075_075$_{de}$	0.125	0.75	0.0	0.75	0.75	0.375	141	0.0	0.75	0.376	46.8	−45.5	24.4	51.6	151.7	0.212	0.462	0.25	57.3	−58.5	39.6	70.6	145.8	22.5	180	0.0	1.0	0.502	57.1	−60.7	32.6	68.9	151.7
136	G00B_075_062$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.596	52.5	−34.3	11.0	36.0	162.2	0.275	0.523	0.404	56.3	−61.5	38.4	72.5	147.9	38.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
137	G09B_075_062$_{de}$	0.125	0.75	0.25	0.75	0.625	0.437	161	0.125	0.75	0.637	53.0	−31.9	4.3	32.2	172.2	0.276	0.532	0.456	55.8	−63.1	37.1	73.3	149.5	45.4	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
138	G19B_075_062$_{de}$	0.125	0.75	0.375	0.75	0.625	0.437	173	0.125	0.75	0.679	53.2	−28.9	−1.6	28.9	183.2	0.279	0.536	0.498	55.5	−63.4	34.0	71.9	151.7	49.6	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
139	G30B_075_062$_{de}$	0.125	0.75	0.5	0.75	0.625	0.437	187	0.125	0.75	0.715	52.4	−27.7	−7.9	28.9	195.9	0.261	0.532	0.532	56.0	−60.1	24.4	64.8	157.8	45.9	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
140	G40B_075_062$_{de}$	0.125	0.75	0.625	0.75	0.625	0.437	199	0.125	0.75	0.746	51.7	−25.6	−13.0	28.8	206.9	0.256	0.526	0.556	58.0	−51.9	7.6	52.5	171.5	34.0	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
141	G50B_075_062$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.713	0.75	50.5	−24.2	−18.2	30.3	216.9	0.243	0.515	0.575	57.6	−44.4	−11.5	45.9	194.5	22.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
142	G57B_087_075$_{de}$	0.125	0.75	0.875	0.875	0.75	0.5	219	0.125	0.789	0.875	54.2	−26.9	−27.0	38.1	225.1	0.222	0.574	0.699	53.9	−36.7	−33.5	49.7	222.4	11.7	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
143	G63B_100_087$_{de}$	0.125	0.75	1.0	1.0	0.875	0.562	226	0.125	0.859	1.0	58.5	−28.6	−36.1	46.1	231.5	0.202	0.749	0.935	53.2	−23.8	−49.5	55.0	244.3	15.2	218	0.0	0.839	1.0	53.1	−32.7	−41.2	52.7	231.5
144	Y86G_087_087$_{de}$	0.125	0.875	0.0	0.875	0.875	0.437	142	0.0	0.875	0.488	52.0	−52.6	26.9	59.1	152.9	0.226	0.501	0.25	58.3	−59.1	40.7	71.8	145.4	16.5	183	0.0	1.0	0.558	57.2	−60.1	30.7	67.5	152.9
145	G00B_087_075$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.69	57.8	−41.2	13.2	43.2	162.2	0.269	0.591	0.464	57.1	−61.6	39.4	73.2	147.3	33.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
146	G07B_087_075$_{de}$	0.125	0.875	0.25	0.875	0.75	0.5	159	0.125	0.875	0.731	58.3	−38.9	6.5	39.4	170.4	0.25	0.875	0.75	56.5	−61.8	37.1	72.1	149.0	38.2	199	0.0	1.0	0.808	59.1	−51.9	8.7	52.6	170.4
147	G15B_087_075$_{de}$	0.125	0.875	0.375	0.875	0.75	0.5	169	0.125	0.875	0.776	58.9	−35.2	0.2	35.2	179.5	0.25	1.0	0.875	56.8	−61.5	35.6	71.1	149.9	44.0	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
148	G25B_087_075$_{de}$	0.125	0.875	0.5	0.875	0.75	0.5	180	0.125	0.875	0.811	58.2	−34.2	−5.7	34.7	189.6	0.249	0.594	0.587	57.2	−59.2	29.1	66.0	153.8	42.9	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
149	G34B_087_075$_{de}$	0.125	0.875	0.625	0.875	0.75	0.5	191	0.125	0.875	0.845	57.5	−32.6	−11.6	34.6	199.6	0.24	0.589	0.614	58.1	−55.0	19.1	58.3	160.8	38.0	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
150	G42B_087_075$_{de}$	0.125	0.875	0.75	0.875	0.75	0.5	201	0.125	0.872	0.875	56.7	−30.3	−16.6	34.6	208.7	0.25	1.0	1.0	59.6	−47.7	3.2	47.8	176.0	26.5	210	0.0	0.997	1.0	57.0	−40.5	−22.2	46.2	208.7
151	G50B_087_075$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.83	0.875	55.5	−29.1	−21.9	36.4	216.9	0.228	0.583	0.674	58.5	−41.3	−14.6	43.8	199.5	14.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
152	G56B_100_087$_{de}$	0.125	0.875	1.0	1.0	0.875	0.562	218	0.125	0.905	1.0	59.1	−31.7	−30.9	44.3	224.2	0.21	0.749	0.9	54.9	−33.5	−35.6	48.9	226.7	6.5	215	0.0	0.891	1.0	53.8	−36.2	−35.3	50.6	224.2
153	Y88G_100_100$_{de}$	0.125	1.0	0.0	1.0	1.0	0.5	143	0.0	1.0	0.614	57.2	−59.5

n	HIC*Fde	rgb_Fde			ict_Fde			hsi_Fde	rgb*Fde			LabCh*Fde					rgb'*Fde			LabCh'*Fde					DE'*Fde	hsiM,de	rgb*Mde			LabCh*Mde			
162	R00Y_025_025de	0.25	0.0	0.0	0.25	0.25	0.125	390	0.25	0.0	0.059	23.9	16.0	7.6	17.7	25.4	0.311	0.137	0.107	19.5	15.1	5.1	15.9	18.6	5.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
163	R00Y_025_025de	0.25	0.0	0.125	0.25	0.25	0.125	360	0.25	0.0	0.243	24.3	17.9	−2.4	18.0	352.0	0.301	0.135	0.176	17.1	13.1	−2.8	13.4	347.8	8.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
164	B50R_025_025de	0.25	0.0	0.25	0.25	0.25	0.125	330	0.212	0.0	0.25	23.0	11.2	−6.8	13.1	328.6	0.255	0.144	0.193	20.4	19.7	−24.4	31.4	308.9	19.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
165	B34R_037_037de	0.25	0.0	0.375	0.375	0.375	0.187	311	0.274	0.0	0.375	25.1	11.4	−13.3	17.6	310.5	0.264	0.173	0.26	25.5	23.4	−46.1	51.7	296.9	34.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
166	B25R_050_050de	0.25	0.0	0.5	0.5	0.5	0.25	300	0.329	0.0	0.5	27.0	11.7	−20.2	23.4	300.1	0.26	0.167	0.295	31.8	10.3	−48.9	50.0	281.9	29.1	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
167	B19R_062_062de	0.25	0.0	0.625	0.625	0.625	0.312	293	0.381	0.0	0.625	29.1	11.7	−26.9	29.3	293.5	0.256	0.163	0.332	34.3	1.5	−45.0	45.0	271.9	21.3	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
168	B15R_075_075de	0.25	0.0	0.75	0.75	0.75	0.375	289	0.434	0.0	0.75	31.7	12.0	−33.4	35.5	289.7	0.26	0.165	0.374	35.6	2.0	−47.4	47.4	272.4	17.6	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
169	B13R_087_087de	0.25	0.0	0.875	0.875	0.875	0.437	286	0.487	0.0	0.875	34.2	12.1	−39.9	41.7	286.9	0.279	0.168	0.46	38.3	−0.3	−49.3	49.3	269.6	16.1	303	0.557	0.0	1.0	36.8	13.8	−45.6	47.7	286.9
170	B11R_100_100de	0.25	0.0	1.0	1.0	1.0	0.5	284	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0	0.5	0.0	0.875	40.3	−3.3	−49.3	49.4	266.0	16.4	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
171	R50Y_025_025de	0.25	0.125	0.0	0.25	0.25	0.125	60	0.25	0.116	0.0	27.1	9.4	15.7	18.3	58.8	0.321	0.189	0.071	20.3	7.1	9.5	11.9	53.0	9.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
172	R00Y_025_012de	0.25	0.125	0.125	0.25	0.25	0.125	390	0.25	0.124	0.154	29.9	8.0	3.8	8.8	25.4	0.332	0.237	0.221	20.3	9.8	1.8	10.0	10.7	9.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
173	B50R_025_012de	0.25	0.125	0.25	0.25	0.25	0.125	330	0.231	0.124	0.25	29.4	5.6	−3.4	6.5	328.6	0.312	0.25	0.271	24.0	15.8	−19.6	25.1	308.9	19.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
174	B25R_037_025de	0.25	0.125	0.375	0.375	0.25	0.25	300	0.289	0.124	0.375	31.5	5.8	−10.1	11.7	300.1	0.313	0.251	0.311	31.4	16.6	−39.6	43.0	292.7	31.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
175	B15R_050_037de	0.25	0.125	0.5	0.5	0.375	0.312	289	0.342	0.124	0.5	33.8	6.0	−16.7	17.7	289.7	0.315	0.255	0.354	33.6	10.9	−47.4	48.6	282.9	31.1	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
176	B11R_062_050de	0.25	0.125	0.625	0.625	0.5	0.375	284	0.396	0.125	0.625	36.3	6.2	−23.1	23.9	285.0	0.32	0.264	0.406	36.4	4.1	−48.6	48.7	274.8	25.5	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
177	B09R_075_062de	0.25	0.125	0.75	0.75	0.625	0.437	281	0.45	0.125	0.75	38.8	6.3	−29.5	30.1	282.1	0.323	0.27	0.457	38.4	0.2	−48.7	48.7	270.2	20.1	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
178	B07R_087_075de	0.25	0.125	0.875	0.875	0.75	0.5	279	0.503	0.125	0.875	41.3	6.4	−35.8	36.3	280.2	0.332	0.279	0.521	40.1	−2.7	−49.1	49.1	266.8	16.2	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
179	B06R_100_087de	0.25	0.125	1.0	1.0	0.875	0.562	278	0.559	0.125	1.0	44.0	6.8	−42.0	42.5	279.3	0.425	0.32	0.705	41.1	−4.6	−49.3	49.5	264.6	13.9	299	0.496	0.0	1.0	36.5	7.8	−48.0	48.6	279.3
180	Y00G_025_025de	0.25	0.25	0.0	0.25	0.25	0.125	90	0.25	0.2	0.0	32.9	−0.8	21.4	21.4	92.3	0.327	0.266	0.133	26.7	−6.5	18.8	19.8	109.0	8.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
181	Y00G_025_012de	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.225	0.124	34.4	−0.4	10.7	10.7	92.3	0.336	0.293	0.219	27.1	−5.6	17.5	18.4	107.9	11.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
182	NW_025de	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	24.0	0.0	−0.9	0.9	267.7	11.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
183	B00R_037_012de	0.25	0.25	0.375	0.375	0.125	0.312	270	0.299	0.249	0.375	38.7	0.1	−6.2	6.2	271.7	0.368	0.366	0.398	32.9	−2.2	−23.3	23.4	264.5	18.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
184	B00R_050_025de	0.25	0.25	0.5	0.5	0.25	0.375	270	0.349	0.249	0.5	41.5	0.3	−12.4	12.4	271.7	0.372	0.366	0.439	39.4	−1.7	−40.2	40.2	267.4	27.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
185	B00R_062_037de	0.25	0.25	0.625	0.625	0.375	0.437	270	0.398	0.25	0.625	44.2	0.5	−18.6	18.7	271.7	0.376	0.365	0.479	39.8	−1.9	−48.2	48.3	267.6	30.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
186	B00R_075_050de	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.391	0.379	0.538	41.0	−3.8	−49.0	49.1	265.4	25.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
187	B00R_087_062de	0.25	0.25	0.875	0.875	0.625	0.562	270	0.498	0.25	0.875	49.8	0.9	−31.1	31.1	271.7	0.412	0.409	0.615	41.9	−5.8	−49.4	49.8	263.2	21.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
188	B00R_100_075de	0.25	0.25	1.0	1.0	0.75	0.625	270	0.547	0.25	1.0	52.6	1.1	−37.3	37.4	271.7	0.457	0.445	0.749	42.1	−6.5	−49.5	50.0	262.4	17.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
189	Y31G_037_037de	0.25	0.375	0.0	0.375	0.375	0.187	109	0.304	0.375	0.0	39.5	−12.4	27.3	30.0	114.4	0.329	0.344	0.15	40.6	−34.7	29.7	45.7	139.4	22.4	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
190	Y50G_037_025de	0.25	0.375	0.125	0.375	0.25	0.25	120	0.29	0.375	0.124	39.2	−10.9	14.3	18.0	127.2	0.321	0.355	0.237	40.7	−32.2	28.6	43.1	138.4	25.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
191	G00B_037_012de	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.344	41.2	−6.8	2.2	7.2	162.2	0.362	0.406	0.374	40.6	−22.7	11.9	25.6	152.3	18.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
192	G50B_037_012de	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.367	0.375	40.8	−4.8	−3.6	6.0	216.9	0.357	0.393	0.4	36.5	−14.8	−6.5	16.1	203.7	11.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
193	G75B_050_025de	0.25	0.375	0.5	0.5	0.25	0.375	240	0.249	0.433	0.5	45.0	−6.0	−12.5	13.9	244.3	0.353	0.401	0.463	43.0	−10.8	−25.5	27.7	246.9	14.0	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
194	G84B_062_037de	0.25	0.375	0.625	0.625	0.375	0.437	251	0.25	0.427	0.625	47.5	−5.2	−18.7	19.4	254.3	0.361	0.406	0.51	44.8	−10.0	−41.2	42.4	256.3	23.2	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
195	G88B_075_050de	0.25	0.375	0.75	0.75	0.5	0.5	256	0.25	0.408	0.75	50.1	−4.8	−24.8	25.3	258.9	0.381	0.431	0.582	44.3	−8.6	−48.9	49.6	259.9	25.0	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
196	G90B_087_062de	0.25	0.375	0.875	0.875	0.625	0.562	259	0.25	0.393	0.875	52.7	−4.5	−31.0	31.3	261.6	0.408	0.463	0.669	44.5	−9.5	−49.0	49.9	258.9	20.4	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
197	G92B_100_075de	0.25	0.375	1.0	1.0	0.75	0.625	261	0.25	0.362	1.0	55.4	−4.1	−36.8	37.1	263.5	0.441	0.49	0.757	45.1	−11.3	−49.6	50.8	257.1	17.8	262	0.0	0.149	1.0	41.8	−5.5	−49.1	49.4	263.5
198	Y50G_050_050de	0.25	0.5	0.0	0.5	0.5	0.25	120	0.331	0.5	0.0	42.6	−21.8	28.7	36.1	127.2	0.309	0.386	0.16	49.7	−49.8	35.5	61.2	144.4	29.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
199	Y68G_050_037de	0.25	0.5	0.125	0.5	0.375	0.312	131	0.3	0.5	0.124	42.9	−20.4	17.1	26.7	140.0	0.301	0.397	0.249	49.9	−49.9	36.2	61.7	144.0	35.8	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
200	G00B_050_025de	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.438	46.6	−13.7	4.4	14.4	162.2	0.356	0.445	0.388	50.5	−47.0	30.2	55.9	147.2	42.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
201	G25B_050_025de	0.25	0.5	0.375	0.5	0.25	0.375	180	0.249	0.5	0.478	46.7	−11.4	−1.9	11.5	189.6	0.356	0.438	0.424	50.7	−35.4	12.1	37.4	161.1	28.1	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
202	G50B_050_025de	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.485	0.5	45.8	−9.7	−7.3	12.1	216.9	0.347	0.423	0.445	49.0	−26.3	−9.3	27.9	199.5	17.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
203	G65B_062_037de	0.25	0.5	0.625	0.625	0.375	0.437	229	0.25	0.557	0.625	49.9	−11.6	−16.2	20.0	234.3	0.342	0.459	0.533	49.3	−17.7	−27.8	32.9	237.5	13.0	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
204	G75B_075_050de	0.25	0.5	0.75	0.75	0.5	0.5	240	0.25	0.616	0.75	54.1	−12.0	−25.1	27.8	244.3	0.355	0.51	0.647	49.6	−14.4	−42.5	44.9	251.1	18.2	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
205	G80B_087_062de	0.25	0.5	0.875	0.875	0.625	0.562	247	0.25	0.611	0.875	56.4	−10.9	−31.4	33.2	250.7	0.38	0.531	0.723	48.8	−13.3	−47.8	49.7	254.3	18.2	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
206	G84B_100_075de	0.25	0.5	1.0	1.0	0.75	0.625	251	0.25	0.604	1.0	59.1	−10.4	−37.4	38.9	254.3	0.43	0.557	0.854	50.4	−15.6	−47.7	50.2	251.8	14.4	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
207	Y61G_062_062de	0.25	0.625	0.0	0.625	0.625	0.312	127	0.347	0.625	0.0	46.0	−31.6	31.1	44.3	135.4	0.295	0.431	0.163	54.1	−54.2	38.2	66.3	144.7	25.0	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
208	Y76G_062_050de	0.25	0.625	0.125	0.625	0.5	0.375	136	0.125	0.625	0.159	47.0	−30.0	20.3	36.2	145.9	0.289	0.449	0.276	54.2	−57.0	38.3	68.7	146.1	33.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
209	G00B_062_037de	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.532	51.9	−20.6	6.6	21.6	162.2	0.35	0.49	0.409	56.9	−61.6	39.3	73.1	147.4	52.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
210	G15B_062_037de	0.25	0.625	0.375	0.625	0.375	0.437	169	0.25	0.625	0.575	52.4	−17.6	0.1	17.6	179.5	0.359	0.496	0.458	57.9	−56.1	30.2	63.8	151.6	49.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
211	G34B_062_037de	0.25	0.625	0.5	0.625	0.375	0.437	191	0.25	0.625	0.61	51.7	−16.3	−5.8	17.3	199.6	0.348	0.495	0.494	60.9	−44.9	14.2	47.1	162.4	36.1	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
212	G50B_062_037de	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.602	0.625	50.7	−14.5	−10.9	18.2	216.9	0.34	0.479	0.514	61.1	−35.5	−7.0	36.2	191.1	23.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
213	G61B_075_050de	0.25	0.625	0.75	0.75	0.5	0.5	224	0.25	0.676	0.75	54.6	−16.8	−19.9	26.1	229.7	0.326	0.53	0.621	57.0	−26.0	−26.1	36.9	225.0	11.3	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
214	G69B_087_062de	0.25	0.625	0.875	0.875	0.625	0.562	233	0.25	0.744	0.875	59.1	−18.0	−28.8	34.0	237.9	0.333	0.612	0.765	55.3	−17.8	−43.6	47.1	247.7	15.2	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
215	G75B_100_075de	0.25	0.625	1.0	1.0	0.75	0.625	240	0.25	0.799	1.0	63.2	−18.0	−37.6	41.8	244.3	0.346	0.685	0.985	56.7	−17.2	−43.3	46.6	248.3	8.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
216	Y68G_075_025de	0.25	0.75	0.0	0.75	0.75	0.375	131	0.35	0.75	0.0	50.0	−40.9	34.2	53.4	140.0	0.287	0.482	0.173	58.1	−57.2	40.7	70.2	144.5	19.2	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
217	Y81G_075_062de	0.25	0.75	0.125	0.75	0.625	0.437	139	0.125	0.75	0.38	51.7	−38.3	22.6	44.5	149.4	0.28	0.503	0.309	58.0	−59.6	40.9	72.4	145.5	28.7	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
218	G00B_075_050de	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.35	0.554	0.456	58.6	−58.0	38.8	69.8	146.1	42.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
219	G11B_075_050de	0.25	0.75	0.375	0.75	0.5	0.5	164	0.25	0.75	0.669	57.7	−24.8	2.1	24.9	175.0	0.348	0.561	0.508	60.7	−54.4	34.6	64.5	147.5	44.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
220	G25B_075_050de	0.25	0.75	0.5	0.75	0.5	0.5	180	0.25	0.75	0.707	57.5	−22.8	−3.8	23.1	189.6	0.345	0.558	0.546	62.4	−49.5	24.5	55.2	153.6	39.2	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
221	G38B_075_050de	0.25	0.75	0.625	0.75	0.5	0.5	196	0.25	0.75	0.74	56.8	−21.0	−9.4	23.0	204.2	0.338	0.552	0.576	64.9	−41.9	10.3	43.2	166.1	29.9	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
222	G50B_075_050de	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.328	0.542	0.599	64.4	−36.3	−6.4	36.9	190.1	20.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
223	G59B_087_062de	0.25	0.75	0.875	0.875	0.625	0.562	221	0.25	0.795	0.875	59.3	−21.9	−23.5	32.1	227.0	0.312	0.621	0.732	60.9	−30.5	−27.4	41.1	221.9	9.6	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
224	G65B_100_075de	0.25	0.75	1.0	1.0	0.75	0.625	229	0.25	0.864	1.0	63.8	−23.3	−32.5	40.1	234.3	0.313	0.734	0.927	60.9	−21.3	−41.7	46.8	242.9	9.8	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
225	Y73G_087_087de	0.25	0.875	0.0	0.875	0.875	0.437	134	0.273	0.875	0.0	54.1	−50.5	37.3	62.8	143.5	0.28	0.56	0.193	58.8	−59.0	41.5	72.2	144.8	10.6	132	0.312	1.0	0.0	59.5	−57.7	42.6	71.8	143.5
226	Y85G_087_075de	0.25	0.875	0.125	0.875	0.75	0.5	141	0.125	0.875	0.501	56.8	−45.5	24.4	51.6	151.7	0.25	1.0	0.623	57.8	−60.6	40.9	73.2	145.9	22.3	180	0.0	1.0	0.502	57.1	−60.7	32.6	68.9	151.7
227	G00B_087_062de	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.721	62.6	−34.3	11.0	36.0	162.2	0.332	0.615	0.507	58.5	−58.6	38.6	70.2	146.6	37.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
228	G09B_087_062de	0.25	0.875	0.375	0.875	0.625	0.562	161	0.25	0.875	0.762	63.1	−31.9	4.3	32.2	172.2	0.375	1.0	0.875	60.2	−55.4	34.9	65.5	147.7	38.7	200	0.0	1.0	0.82	59.2	−51.0	6.9	51.5	172.2
229	G19B_087_062de	0.25	0.875	0.5	0.875	0.625	0.562	173	0.25	0.875	0.804	63.3	−28.9	−1.6	28.9	183.2	0.341	0.631	0.605	61.1	−52.6	28.9	60.0	151.1	38.7	204	0.0	1.0	0.886	59.6	−46.3	−2.6	46.3	183.2
230	G30B_087_062de	0.25	0.875	0.625	0.875	0.625	0.562	187	0.25	0.875	0.84	62.5	−27.7	−7.9	28.9	195.9	0.325	0.633	0.646	63.2	−46.8	18.3	50.2	158.5	32.5	207	0.0	1.0	0.944	58.3	−44.4	−12.7	46.2	195.9
231	G40B_087_062de	0.25	0.875	0.75	0.875	0.625	0.562	199	0.25	0.875	0.871	61.8	−25.6	−13.0	28.8	206.9	0.375	1.0	1.0	64.7	−40.3	5.0	40.6	172.9	23.4	209	0.0	1.0	0.993	57.2	−41.1	−20.8	46.1	206.9
232	G50B_087_062de	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.838	0.875	60.6	−24.2	−18.2	30.3	216.9	0.314	0.631	0.708	64.3	−34.5	−11.7	36.4	198.7	12.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
233	G57B_100_075de	0.25	0.875	1.0	1.0	0.75	0.625	219	0.25	0.914	1.0	64.3	−26.9	−27.0	38.1	225.1	0.312	0.744	0.875	61.1	−28.2	−31.3	42.2	227.9	5.4	216	0.0	0.885	1.0	53.6	−35.8	−36.1	50.9	225.1
234	Y76G_100_100de	0.25	1.0	0.0	1.0	1.0	0.5	136	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9	0.031	1.0	0.111	58.6	−59.0	41.1	71.9	145.1	1.2	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
235	Y86G_100_087de	0.25	1.0	0.125	1.0	0.875	0.562	142	0.125	1.0	0.613	62.1	−52.6	26.9	59.1	152.9	0.25	0.875	0.5	58.9	−58.1	40.4	70.8	145.1	14.9	183	0.0	1.0	0.558	57.2	−60.1	30.7	67.5	152.9
236	G00B_100_075de	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.815	67.9	−41.2	13.2	43.2	162.2	0.334	1.0	0.749	60.3	−55.3	38.3	67.2	145.3	29.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
243	R00Y_037_037$_{de}$	0.375	0.0	0.0	0.375	0.375	0.187	390	0.375	0.0	0.088	27.9	24.0	11.4	26.6	25.4	0.381	0.145	0.12	23.6	24.2	14.6	28.3	31.0	5.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
244	R18Y_037_037$_{de}$	0.375	0.0	0.125	0.375	0.375	0.187	371	0.375	0.0	0.236	28.0	26.4	1.9	26.4	4.3	0.372	0.144	0.182	23.0	26.0	4.9	26.5	10.7	5.8	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
245	B65R_037_037$_{de}$	0.375	0.0	0.25	0.375	0.375	0.187	349	0.362	0.0	0.375	28.2	24.5	−5.8	25.2	346.6	0.356	0.158	0.235	23.6	30.3	−10.4	32.0	340.9	8.6	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
246	B50R_037_037$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.318	0.0	0.375	26.6	16.8	−10.3	19.7	328.6	0.306	0.171	0.254	26.6	33.7	−30.1	45.2	318.2	26.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
247	B38R_050_050$_{de}$	0.375	0.0	0.5	0.5	0.5	0.25	316	0.382	0.0	0.5	28.8	16.9	−16.7	23.8	315.3	0.31	0.176	0.299	29.7	31.6	−41.7	52.4	307.1	28.9	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
248	B30R_062_062$_{de}$	0.375	0.0	0.625	0.625	0.625	0.312	307	0.44	0.0	0.625	30.8	17.5	−23.4	29.3	306.8	0.315	0.179	0.342	33.4	17.0	−45.9	48.9	290.4	22.5	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
249	B25R_075_075$_{de}$	0.375	0.0	0.75	0.75	0.75	0.375	300	0.493	0.0	0.75	32.7	17.6	−30.3	35.1	300.1	0.318	0.181	0.393	35.4	6.6	−49.4	49.8	277.6	22.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
250	B20R_087_087$_{de}$	0.375	0.0	0.875	0.875	0.875	0.437	295	0.546	0.0	0.875	34.6	17.5	−36.9	40.9	295.4	0.325	0.18	0.461	36.9	2.3	−49.2	49.2	272.7	19.6	308	0.624	0.0	1.0	37.3	20.0	−42.2	46.7	295.4
251	B18R_100_100$_{de}$	0.375	0.0	1.0	1.0	1.0	0.5	292	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5	0.488	0.125	0.834	38.3	0.0	−50.1	50.1	270.0	19.2	306	0.602	0.0	1.0	37.1	18.0	−43.4	47.0	292.5
252	R31Y_037_037$_{de}$	0.375	0.125	0.0	0.375	0.375	0.187	49	0.375	0.127	0.0	30.0	19.6	20.8	28.6	46.6	0.405	0.183	0.049	25.0	23.9	17.3	29.6	35.9	7.4	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
253	R00Y_037_025$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.184	33.9	16.0	7.6	17.7	25.4	0.415	0.234	0.217	26.5	27.2	8.4	28.4	17.2	13.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
254	R00Y_037_025$_{de}$	0.375	0.125	0.25	0.375	0.25	0.25	360	0.375	0.124	0.368	34.3	17.9	−2.4	18.0	352.0	0.413	0.237	0.279	27.7	34.1	−10.0	35.5	343.5	19.0	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
255	B50R_037_025$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.337	0.124	0.375	33.1	11.2	−6.8	13.1	328.6	0.358	0.246	0.296	29.2	35.4	−30.6	46.8	319.2	34.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
256	B34R_050_037$_{de}$	0.375	0.125	0.5	0.5	0.375	0.312	311	0.399	0.124	0.5	35.2	11.4	−13.3	17.6	310.5	0.363	0.259	0.346	31.2	31.0	−40.6	51.1	307.4	33.8	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
257	B25R_062_050$_{de}$	0.375	0.125	0.625	0.625	0.5	0.375	300	0.454	0.125	0.625	37.1	11.7	−20.2	23.4	300.1	0.365	0.269	0.401	34.5	19.4	−44.1	48.2	293.7	25.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
258	B19R_075_062$_{de}$	0.375	0.125	0.75	0.75	0.625	0.437	293	0.506	0.125	0.75	39.2	11.7	−26.9	29.3	293.5	0.364	0.271	0.45	36.4	8.4	−47.4	48.2	280.0	21.0	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
259	B15R_087_075$_{de}$	0.375	0.125	0.875	0.875	0.75	0.5	289	0.559	0.125	0.875	41.7	12.0	−33.4	35.5	289.7	0.37	0.277	0.504	37.3	2.4	−49.6	49.7	272.8	19.3	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
260	B13R_100_087$_{de}$	0.375	0.125	1.0	1.0	0.875	0.562	286	0.612	0.125	1.0	44.2	12.1	−39.9	41.7	286.9	0.473	0.325	0.707	39.5	−2.4	−49.7	49.7	267.2	18.1	303	0.557	0.0	1.0	36.8	13.8	−45.6	47.7	286.9
261	R68Y_037_037$_{de}$	0.375	0.25	0.0	0.375	0.375	0.187	71	0.375	0.214	0.0	35.6	8.9	26.2	27.7	71.1	0.412	0.258	0.107	31.8	7.7	26.6	27.7	73.8	4.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
262	R50Y_037_025$_{de}$	0.375	0.25	0.125	0.375	0.25	0.25	60	0.375	0.241	0.124	37.2	9.4	15.7	18.3	58.8	0.422	0.279	0.201	34.6	5.6	23.3	24.0	76.5	8.9	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
263	R00Y_037_012$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.279	40.0	8.0	3.8	8.8	25.4	0.43	0.328	0.311	33.1	10.8	1.4	10.9	7.5	7.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
264	B50R_037_012$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.356	0.249	0.375	39.5	5.6	−3.4	6.5	328.6	0.412	0.358	0.381	36.2	15.3	−19.0	24.4	308.8	18.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
265	B25R_050_025$_{de}$	0.375	0.25	0.5	0.5	0.25	0.375	300	0.414	0.249	0.5	41.5	5.8	−10.1	11.7	300.1	0.41	0.356	0.423	40.6	16.6	−36.4	40.0	294.5	28.4	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
266	B15R_062_037$_{de}$	0.375	0.25	0.625	0.625	0.375	0.437	289	0.467	0.25	0.625	43.8	6.0	−16.7	17.7	289.7	0.409	0.357	0.466	40.4	11.5	−43.5	45.0	284.8	27.6	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
267	B11R_075_050$_{de}$	0.375	0.25	0.75	0.75	0.5	0.5	284	0.521	0.25	0.75	46.4	6.2	−23.1	23.9	285.0	0.418	0.365	0.519	40.2	2.5	−47.5	47.6	273.0	25.4	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
268	B09R_087_062$_{de}$	0.375	0.25	0.875	0.875	0.625	0.562	281	0.575	0.25	0.875	48.9	6.3	−29.5	30.1	282.1	0.501	0.388	0.654	40.6	−2.0	−49.1	49.1	267.5	22.9	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
269	B07R_100_075$_{de}$	0.375	0.25	1.0	1.0	0.75	0.625	279	0.628	0.25	1.0	51.4	6.4	−35.8	36.3	280.2	0.501	0.413	0.749	41.7	−5.3	−49.7	50.0	263.8	20.7	300	0.505	0.0	1.0	36.4	8.6	−47.7	48.5	280.2
270	Y00G_037_037$_{de}$	0.375	0.375	0.0	0.375	0.375	0.187	90	0.375	0.3	0.0	41.4	−1.3	32.2	32.2	92.3	0.413	0.338	0.143	43.3	−11.0	40.7	42.2	105.1	13.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
271	Y00G_037_025$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.325	0.124	42.9	−0.8	21.4	21.4	92.3	0.429	0.363	0.226	43.5	−10.5	38.3	39.7	105.3	19.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
272	Y00G_037_012$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.35	0.249	44.5	−0.4	10.7	10.7	92.3	0.44	0.395	0.323	41.6	−6.5	16.9	18.1	111.2	9.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
273	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	37.4	0.0	−1.0	1.0	273.1	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
274	B00R_050_012$_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.424	0.375	0.5	48.7	0.1	−6.2	6.2	271.7	0.445	0.434	0.466	46.2	−1.0	−20.7	20.8	267.0	14.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
275	B00R_062_025$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.474	0.375	0.625	51.5	0.3	−12.4	12.4	271.7	0.467	0.468	0.541	47.7	−0.4	−36.9	37.0	269.2	24.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
276	B00R_075_037$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.523	0.375	0.75	54.3	0.5	−18.6	18.7	271.7	0.488	0.482	0.597	46.6	−3.8	−45.3	45.4	265.1	28.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
277	B00R_087_050$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.573	0.375	0.875	57.1	0.7	−24.9	24.9	271.7	0.511	0.498	0.665	45.7	−5.8	−46.9	47.3	262.8	25.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
278	B00R_100_062$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.623	0.375	1.0	59.9	0.9	−31.1	31.1	271.7	0.552	0.53	0.787	45.8	−9.1	−48.3	49.1	259.2	24.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
279	Y23G_050_050$_{de}$	0.375	0.5	0.0	0.5	0.5	0.25	104	0.439	0.5	0.0	49.9	−13.5	40.3	42.5	108.6	0.434	0.437	0.16	53.4	−34.8	43.5	55.7	128.6	21.7	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
280	Y31G_050_037$_{de}$	0.375	0.5	0.125	0.5	0.375	0.312	109	0.429	0.5	0.124	49.6	−12.4	27.3	30.0	114.4	0.429	0.439	0.255	54.6	−34.1	45.0	56.5	127.1	28.4	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
281	Y50G_050_025$_{de}$	0.375	0.5	0.25	0.5	0.25	0.375	120	0.415	0.5	0.249	49.3	−10.9	14.3	18.0	127.2	0.419	0.453	0.343	55.3	−30.6	34.5	46.1	131.6	28.8	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
282	G00B_050_012$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.469	51.3	−6.8	2.2	7.2	162.2	0.442	0.478	0.445	54.2	−21.6	13.2	25.4	148.4	18.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
283	G50B_050_012$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.492	0.5	50.9	−4.8	−3.6	6.0	216.9	0.439	0.474	0.481	52.8	−13.7	−5.3	14.7	201.1	9.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
284	G75B_062_025$_{de}$	0.375	0.5	0.625	0.625	0.25	0.5	240	0.375	0.558	0.625	55.1	−6.0	−12.5	13.9	244.3	0.453	0.512	0.576	54.1	−10.1	−22.6	24.8	245.9	10.9	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
285	G84B_075_037$_{de}$	0.375	0.5	0.75	0.75	0.375	0.562	251	0.375	0.552	0.75	57.6	−5.2	−18.7	19.4	254.3	0.469	0.521	0.629	54.7	−9.1	−37.7	38.8	256.4	19.6	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
286	G88B_087_050$_{de}$	0.375	0.5	0.875	0.875	0.5	0.625	256	0.375	0.533	0.875	60.2	−4.8	−24.8	25.3	258.9	0.493	0.543	0.706	53.2	−10.0	−43.2	44.3	256.8	20.2	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
287	G90B_100_062$_{de}$	0.375	0.5	1.0	1.0	0.625	0.687	259	0.375	0.518	1.0	62.8	−4.5	−31.0	31.3	261.6	0.541	0.57	0.833	52.5	−11.7	−44.4	46.0	255.1	18.4	257	0.0	0.229	1.0	42.7	−7.2	−49.6	50.1	261.6
288	Y38G_062_062$_{de}$	0.375	0.625	0.0	0.625	0.625	0.312	113	0.475	0.625	0.0	52.9	−23.2	41.6	47.7	119.1	0.41	0.476	0.166	57.8	−48.1	43.8	65.0	137.6	25.4	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
289	Y50G_062_050$_{de}$	0.375	0.625	0.125	0.625	0.5	0.375	120	0.456	0.625	0.125	52.7	−21.8	28.7	36.1	127.2	0.398	0.478	0.271	60.6	−47.9	46.7	66.9	135.7	32.6	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
290	Y68G_062_037$_{de}$	0.375	0.625	0.25	0.625	0.375	0.437	131	0.425	0.625	0.25	53.0	−20.4	17.1	26.7	140.0	0.386	0.489	0.347	61.7	−50.9	44.1	67.4	139.0	41.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
291	G00B_062_025$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.563	56.6	−13.7	4.4	14.4	162.2	0.441	0.542	0.487	63.4	−42.1	29.7	51.5	144.7	38.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
292	G25B_062_025$_{de}$	0.375	0.625	0.5	0.625	0.25	0.5	180	0.375	0.625	0.603	56.8	−11.4	−1.9	11.5	189.6	0.445	0.54	0.53	64.6	−30.9	12.4	33.3	158.0	25.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
293	G50B_062_025$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.61	0.625	55.8	−9.7	−7.3	12.1	216.9	0.439	0.527	0.553	63.5	−24.0	−4.3	24.4	190.2	16.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
294	G65B_075_037$_{de}$	0.375	0.625	0.75	0.75	0.375	0.562	229	0.375	0.682	0.75	59.9	−11.6	−16.2	20.0	234.3	0.435	0.563	0.65	61.0	−15.4	−25.9	30.1	239.2	10.3	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
295	G75B_087_050$_{de}$	0.375	0.625	0.875	0.875	0.5	0.625	240	0.375	0.741	0.875	64.2	−12.0	−25.1	27.8	244.3	0.454	0.619	0.767	62.6	−16.0	−38.0	41.2	247.1	13.6	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
296	G80B_100_062$_{de}$	0.375	0.625	1.0	1.0	0.625	0.687	247	0.375	0.736	1.0	66.4	−10.9	−31.4	33.2	250.7	0.504	0.613	0.857	61.4	−15.5	−39.1	42.1	248.3	10.2	234	0.0	0.577	1.0	48.5	−17.5	−50.2	53.2	250.7
297	Y50G_075_075$_{de}$	0.375	0.75	0.0	0.75	0.75	0.375	120	0.497	0.75	0.0	56.0	−32.8	43.1	54.2	127.2	0.392	0.519	0.169	59.4	−55.3	42.8	70.0	142.2	22.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
298	Y61G_075_062$_{de}$	0.375	0.75	0.125	0.75	0.625	0.437	127	0.472	0.75	0.125	56.1	−31.6	31.1	44.3	135.4	0.376	0.52	0.28	61.2	−54.9	44.6	70.8	140.9	27.4	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
299	Y76G_075_050$_{de}$	0.375	0.75	0.25	0.75	0.5	0.5	136	0.25	0.75	0.284	57.1	−30.0	20.3	36.2	145.9	0.369	0.542	0.366	62.8	−52.4	40.1	66.0	142.5	30.4	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
300	G00B_075_037$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.657	62.0	−20.6	6.6	21.6	162.2	0.43	0.59	0.516	65.2	−47.6	33.3	58.1	145.0	38.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
301	G15B_075_037$_{de}$	0.375	0.75	0.5	0.75	0.375	0.562	169	0.375	0.75	0.7	62.5	−17.6	0.1	17.6	179.5	0.444	0.594	0.567	68.5	−40.6	23.4	46.9	150.0	33.3	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
302	G34B_075_037$_{de}$	0.375	0.75	0.625	0.75	0.375	0.562	191	0.375	0.75	0.735	61.8	−16.3	−5.8	17.3	199.6	0.432	0.588	0.602	71.1	−33.7	9.9	35.2	163.6	25.2	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
303	G50B_075_037$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.727	0.75	60.8	−14.5	−10.9	18.2	216.9	0.426	0.576	0.625	70.0	−28.9	−6.1	29.6	191.9	17.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
304	G61B_087_050$_{de}$	0.375	0.75	0.875	0.875	0.5	0.625	224	0.375	0.801	0.875	64.7	−16.8	−19.9	26.1	229.7	0.414	0.652	0.748	68.2	−23.9	−25.5	35.0	226.7	9.7	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
305	G69B_100_062$_{de}$	0.375	0.75	1.0	1.0	0.625	0.687	233	0.375	0.869	1.0	69.2	−18.0	−28.8	34.0	237.9	0.443	0.708	0.895	67.7	−19.0	−34.7	39.6	241.3	6.1	221	0.0	0.791	1.0	52.8	−28.8	−46.1	54.4	237.9
306	Y58G_087_087$_{de}$	0.375	0.875	0.0	0.875	0.875	0.437	125	0.514	0.875	0.0	59.4	−42.4	45.3	62.0	133.0	0.388	0.585	0.168	61.1	−55.4	45.1	71.4	140.8	13.1	114	0.587	1.0	0.0	65.6	−48.4	51.8	70.9	133.0
307	Y68G_087_075$_{de}$	0.375	0.875	0.125	0.875	0.75	0.5	131	0.475	0.875	0.125	60.0	−40.9	34.2	53.4	140.0	0.376	0.585	0.303	61.3	−54.9	44.8	70.9	140.7	17.6	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
308	Y81G_087_062$_{de}$	0.375	0.875	0.25	0.875	0.625	0.562	139	0.25	0.875	0.505	61.8	−38.3	22.6	44.5	149.4	0.358	0.607	0.412	63.4	−51.1	40.8	65.4	141.4	22.2	173	0.0	1.0	0.408	57.2	−61.3	36.2	71.2	149.4
309	G00B_087_050$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.752	67.3	−27.4	8.8	28.8	162.2	0.421	0.671	0.568	64.9	−48.0	35.2	59.5	143.7	33.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
310	G11B_087_050$_{de}$	0.375	0.875	0.5	0.875	0.5	0.625	164	0.375	0.875	0.794	67.8	−24.8	2.1	24.9	175.0	0.5	1.0	0.875	67.5	−43.1	28.4	51.6	146.5	32.0	201	0.0	1.0	0.838	59.4	−49.6	4.3	49.8	175.0
311	G25B_087_050$_{de}$	0.375	0.875	0.625	0.875	0.5	0.625	180	0.375	0.875	0.832	67.6	−22.8	−3.8	23.1	189.6	0.423	0.679	0.668	69.9	−37.6	19.8	42.5	152.2	28.0	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
312	G38B_087_050$_{de}$	0.375	0.875	0.75	0.875	0.5	0.625	196	0.375	0.875	0.865	66.8	−21.0	−9.4	23.0	204.2	0.42	0.674	0.7	71.5	−32.3	6.0	32.8	169.3	19.7	209	0.0	1.0	0.981	57.5	−42.0	−18.9	46.1	204.2
313	G50B_087_050$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.845	0.875	65.7	−19.4	−14.6	24.2	216.9	0.5	1.0	1.0	70.4	−28.7	−8.6	30.0	196.6	12.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
314	G59B_100_062$_{de}$	0.375	0.875	1.0	1.0	0.625	0.687	221	0.375	0.92	1.0	69.4	−21.9	−23.5	32.1	227.0	0.412	0.734	0.856	68.2	−22.6	−27.1	35.3	230.1	3.8	216	0.0	0.872	1.0	53.3	−35.0	−37.6	51.4	227.0
315	Y63G_100_100$_{de}$	0.375	1.0	0.0	1.0	1.0	0.5	128	0.539	1.0	0.0	63.4	−51.5	48.

n	**HIC*$_{Fde}$**	***rgb*$_{Fde}$**			***ict*$_{Fde}$**			***h*$_{si_Fde}$**	***rgb**$_{Fde}$**			***LabCh**$_{Fde}$**					***rgb'**$_{Fde}$**			***LabCh'**$_{Fde}$**					***DE'**$_{Fde}$*	***h*$_{siM,de}$**	***rgb**$_{Mde}$**			***LabCh**$_{Mde}$**				
324	R00Y_050_050$_{de}$	0.5	0.0	0.0	0.5	0.5	0.25	390	0.5	0.0	0.118	32.0	32.1	15.3	35.5	25.4	0.482	0.157	0.145	29.2	33.7	22.6	40.6	33.8	8.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
325	R26Y_050_050$_{de}$	0.5	0.0	0.125	0.5	0.5	0.25	376	0.5	0.0	0.249	32.0	34.2	5.9	34.7	9.8	0.493	0.159	0.211	29.4	34.1	16.7	38.0	26.0	11.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
326	R00Y_050_050$_{de}$	0.5	0.0	0.25	0.5	0.5	0.25	360	0.5	0.0	0.487	32.8	35.8	−4.9	36.1	352.0	0.491	0.167	0.29	28.3	38.6	−2.1	38.7	356.8	6.0	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
327	B61R_050_050$_{de}$	0.5	0.0	0.375	0.5	0.5	0.25	344	0.468	0.0	0.5	31.8	29.8	−9.7	31.4	341.8	0.426	0.175	0.297	30.4	42.8	−17.9	46.4	337.2	15.3	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
328	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.357	0.18	0.298	31.7	42.7	−31.0	52.8	324.0	26.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
329	B40R_062_062$_{de}$	0.5	0.0	0.625	0.625	0.625	0.312	319	0.489	0.0	0.625	32.5	22.7	−20.3	30.5	318.1	0.369	0.194	0.35	32.9	35.2	−38.1	51.9	312.7	21.7	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
330	B34R_075_075$_{de}$	0.5	0.0	0.75	0.75	0.75	0.375	311	0.548	0.0	0.75	34.5	22.9	−26.7	35.2	310.5	0.379	0.204	0.407	35.4	23.5	−42.2	48.3	299.1	15.5	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
331	B29R_087_087$_{de}$	0.5	0.0	0.875	0.875	0.875	0.437	305	0.605	0.0	0.875	36.5	23.4	−33.6	41.0	304.9	0.388	0.207	0.471	36.6	12.2	−46.0	47.6	284.9	16.6	312	0.691	0.0	1.0	39.5	26.8	−38.4	46.8	304.9
332	B25R_100_100$_{de}$	0.5	0.0	1.0	1.0	1.0	0.5	300	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1	0.467	0.22	0.623	36.4	8.1	−47.9	48.5	279.6	17.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
333	R23Y_050_050$_{de}$	0.5	0.125	0.0	0.5	0.5	0.25	44	0.5	0.132	0.0	33.1	29.3	25.5	38.9	41.0	0.5	0.184	0.058	30.4	36.7	26.6	45.4	35.9	7.9	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
334	R00Y_050_037$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.213	38.0	24.0	11.4	26.6	25.4	0.515	0.251	0.233	31.1	38.1	16.2	41.4	23.0	16.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
335	R18Y_050_037$_{de}$	0.5	0.125	0.25	0.5	0.375	0.312	371	0.5	0.124	0.361	38.0	26.4	1.9	26.4	4.3	0.505	0.25	0.288	29.8	40.6	−2.3	40.6	356.7	16.9	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
336	B65R_050_037$_{de}$	0.5	0.125	0.375	0.5	0.375	0.312	349	0.487	0.124	0.5	38.3	24.5	−5.8	25.2	346.6	0.474	0.262	0.336	32.0	45.2	−18.0	48.7	338.2	24.8	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
337	B50R_050_037$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.443	0.124	0.5	36.7	16.8	−10.3	19.7	328.6	0.41	0.264	0.345	33.0	44.5	−31.3	54.5	324.8	34.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
338	B38R_062_050$_{de}$	0.5	0.125	0.625	0.625	0.5	0.375	316	0.507	0.125	0.625	38.9	16.9	−16.7	23.8	315.3	0.418	0.285	0.408	34.4	34.5	−37.6	51.0	312.5	27.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
339	B30R_075_062$_{de}$	0.5	0.125	0.75	0.75	0.625	0.437	307	0.565	0.125	0.75	40.9	17.5	−23.4	29.3	306.8	0.424	0.292	0.461	36.4	23.5	−41.6	47.8	299.5	19.6	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
340	B25R_087_075$_{de}$	0.5	0.125	0.875	0.875	0.75	0.5	300	0.618	0.125	0.875	42.8	17.6	−30.3	35.1	300.1	0.435	0.301	0.529	37.4	15.1	−44.2	46.7	288.9	15.0	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
341	B20R_100_087$_{de}$	0.5	0.125	1.0	1.0	0.875	0.562	295	0.671	0.125	1.0	44.6	17.5	−36.9	40.9	295.4	0.493	0.324	0.656	37.8	7.0	−47.4	47.9	278.4	16.3	308	0.624	0.0	1.0	37.3	20.0	−42.2	46.7	295.4
342	R50Y_050_050$_{de}$	0.5	0.25	0.0	0.5	0.5	0.25	60	0.5	0.232	0.0	38.4	18.9	31.4	36.6	58.8	0.509	0.267	0.108	34.7	21.2	31.0	37.5	55.5	4.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
343	R31Y_050_037$_{de}$	0.5	0.25	0.125	0.5	0.375	0.312	49	0.5	0.252	0.124	40.0	19.6	20.8	28.6	46.6	0.519	0.28	0.198	37.6	19.7	29.1	35.1	55.8	8.6	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
344	R00Y_050_025$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.309	44.0	16.0	7.6	17.7	25.4	0.521	0.335	0.315	37.8	22.6	7.5	23.9	18.4	9.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
345	R00Y_050_025$_{de}$	0.5	0.25	0.375	0.5	0.25	0.375	360	0.5	0.249	0.493	44.4	17.9	−2.4	18.0	352.0	0.518	0.345	0.385	38.6	33.3	−11.9	35.3	340.2	18.9	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
346	B50R_050_025$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.462	0.249	0.5	43.2	11.2	−6.8	13.1	328.6	0.462	0.355	0.41	38.6	37.8	−30.9	48.9	320.7	36.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
347	B34R_062_037$_{de}$	0.5	0.25	0.625	0.625	0.375	0.437	311	0.524	0.25	0.625	45.3	11.4	−13.3	17.6	310.5	0.463	0.364	0.459	39.1	27.9	−37.6	46.8	306.6	29.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
348	B25R_075_050$_{de}$	0.5	0.25	0.75	0.75	0.5	0.5	300	0.579	0.25	0.75	47.2	11.7	−20.2	23.4	300.1	0.465	0.369	0.511	39.6	18.1	−41.6	45.4	293.5	23.5	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
349	B19R_087_062$_{de}$	0.5	0.25	0.875	0.875	0.625	0.562	293	0.631	0.25	0.875	49.3	11.7	−26.9	29.3	293.5	0.486	0.39	0.582	40.9	10.1	−43.9	45.0	283.0	18.9	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
350	B15R_100_075$_{de}$	0.5	0.25	1.0	1.0	0.75	0.625	289	0.684	0.25	1.0	51.8	12.0	−33.4	35.5	289.7	0.553	0.426	0.724	41.7	3.5	−46.1	46.2	274.3	18.2	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
351	R76Y_050_050$_{de}$	0.5	0.375	0.0	0.5	0.5	0.25	76	0.5	0.309	0.0	43.9	8.5	36.4	37.4	76.7	0.512	0.342	0.142	44.4	2.2	41.7	41.7	86.9	8.2	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
352	R68Y_050_037$_{de}$	0.5	0.375	0.125	0.5	0.375	0.312	71	0.5	0.339	0.124	45.7	8.9	26.2	27.7	71.1	0.524	0.356	0.215	45.8	2.2	42.5	42.5	86.9	17.5	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
353	R50Y_050_025$_{de}$	0.5	0.375	0.25	0.5	0.25	0.375	60	0.5	0.366	0.249	47.2	9.4	15.7	18.3	58.8	0.533	0.374	0.293	46.6	3.9	21.6	22.0	79.7	8.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
354	R00Y_050_012$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.404	50.0	8.0	3.8	8.8	25.4	0.534	0.423	0.407	45.5	10.1	1.4	10.2	8.1	5.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
355	B50R_050_012$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.481	0.375	0.5	49.6	5.6	−3.4	6.5	328.6	0.501	0.441	0.464	48.1	15.6	−17.2	23.2	312.1	17.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
356	B25R_062_025$_{de}$	0.5	0.375	0.625	0.625	0.25	0.5	300	0.539	0.375	0.625	51.6	5.8	−10.1	11.7	300.1	0.516	0.464	0.532	49.2	15.1	−33.5	36.8	294.3	25.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
357	B15R_075_037$_{de}$	0.5	0.375	0.75	0.75	0.375	0.562	289	0.592	0.375	0.75	53.9	6.0	−16.7	17.7	289.7	0.525	0.471	0.583	46.6	9.7	−39.8	41.0	283.8	24.5	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
358	B11R_087_050$_{de}$	0.5	0.375	0.875	0.875	0.5	0.625	284	0.646	0.375	0.875	56.4	6.2	−23.1	23.9	285.0	0.539	0.482	0.645	46.5	3.0	−42.6	42.7	274.1	22.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
359	B09R_100_062$_{de}$	0.5	0.375	1.0	1.0	0.625	0.687	281	0.7	0.375	1.0	59.0	6.3	−29.5	30.1	282.1	0.574	0.508	0.737	47.2	−1.7	−44.0	44.0	267.7	20.3	301	0.52	0.0	1.0	36.5	10.1	−47.2	48.2	282.1
360	Y00G_050_050$_{de}$	0.5	0.5	0.0	0.5	0.5	0.25	90	0.5	0.4	0.0	50.0	−1.7	42.9	42.9	92.3	0.512	0.42	0.156	55.9	−13.2	54.7	56.3	103.6	17.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
361	Y00G_050_037$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.425	0.124	51.5	−1.3	32.2	32.2	92.3	0.525	0.433	0.241	56.8	−13.3	55.8	57.4	103.4	27.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
362	Y00G_050_025$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.45	0.249	53.0	−0.8	21.4	21.4	92.3	0.534	0.46	0.327	55.8	−12.3	40.4	42.3	106.9	22.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
363	Y00G_050_012$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.475	0.375	54.5	−0.4	10.7	10.7	92.3	0.545	0.497	0.421	54.0	−7.5	16.8	18.5	114.0	9.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
364	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	50.7	0.0	−1.2	1.2	274.4	5.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
365	B00R_062_012$_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.549	0.5	0.625	58.8	0.1	−6.2	6.2	271.7	0.55	0.536	0.571	56.8	−0.8	−20.3	20.3	267.6	14.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
366	B00R_075_025$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.599	0.5	0.75	61.6	0.3	−12.4	12.4	271.7	0.564	0.561	0.642	58.0	−0.7	−34.3	34.3	268.7	22.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
367	B00R_087_037$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.648	0.5	0.875	64.4	0.5	−18.6	18.7	271.7	0.583	0.583	0.716	55.5	−4.5	−38.8	39.1	263.3	22.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
368	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.636	0.606	0.829	54.2	−8.5	−41.5	42.4	258.4	23.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
369	Y18G_062_062$_{de}$	0.5	0.625	0.0	0.625	0.625	0.312	101	0.581	0.625	0.0	60.7	−14.6	54.3	56.3	105.1	0.55	0.543	0.167	64.0	−34.0	55.4	65.0	121.5	19.6	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
370	Y23G_062_050$_{de}$	0.5	0.625	0.125	0.625	0.5	0.375	104	0.564	0.625	0.125	59.9	−13.5	40.3	42.5	108.6	0.543	0.54	0.28	65.3	−34.0	56.6	66.0	121.0	26.7	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
371	Y31G_062_037$_{de}$	0.5	0.625	0.25	0.625	0.375	0.437	109	0.554	0.625	0.25	59.6	−12.4	27.3	30.0	114.4	0.534	0.544	0.353	65.8	−34.5	52.6	62.9	123.2	34.1	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
372	Y50G_062_025$_{de}$	0.5	0.625	0.375	0.625	0.25	0.5	120	0.54	0.625	0.375	59.4	−10.9	14.3	18.0	127.2	0.519	0.556	0.444	66.8	−28.7	31.8	42.9	132.0	26.0	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
373	G00B_062_012$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.594	61.4	−6.8	2.2	7.2	162.2	0.536	0.573	0.545	67.1	−19.8	14.2	24.4	144.4	18.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
374	G50B_062_012$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.617	0.625	61.0	−4.8	−3.6	6.0	216.9	0.535	0.565	0.578	65.5	−13.2	−3.0	13.5	192.8	9.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
375	G75B_075_025$_{de}$	0.5	0.625	0.75	0.75	0.25	0.625	240	0.5	0.683	0.75	65.1	−6.0	−12.5	13.9	244.3	0.546	0.61	0.685	66.2	−10.2	−21.3	23.6	244.4	9.7	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
376	G84B_087_037$_{de}$	0.5	0.625	0.875	0.875	0.375	0.687	251	0.5	0.677	0.875	67.6	−5.2	−18.7	19.4	254.3	0.558	0.624	0.744	67.6	−12.0	−32.3	34.5	249.6	15.1	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
377	G88B_100_050$_{de}$	0.5	0.625	1.0	1.0	0.5	0.75	256	0.5	0.658	1.0	70.3	−4.8	−24.8	25.3	258.9	0.619	0.644	0.853	64.7	−13.8	−35.4	38.0	248.6	14.9	251	0.0	0.317	1.0	44.2	−9.7	−49.7	50.7	258.9
378	Y31G_075_075$_{de}$	0.5	0.75	0.0	0.75	0.75	0.375	109	0.609	0.75	0.0	63.3	−24.8	54.7	60.1	114.4	0.522	0.585	0.176	65.1	−45.3	52.2	69.2	130.9	20.7	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
379	Y38G_075_062$_{de}$	0.5	0.75	0.125	0.75	0.625	0.437	113	0.6	0.75	0.125	63.0	−23.2	41.6	47.7	119.1	0.518	0.584	0.296	66.8	−45.7	53.8	70.6	130.3	25.8	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
380	Y50G_075_050$_{de}$	0.5	0.75	0.25	0.75	0.5	0.5	120	0.581	0.75	0.25	62.7	−21.8	28.7	36.1	127.2	0.505	0.584	0.367	68.2	−44.6	49.3	66.5	132.1	31.1	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
381	Y68G_075_037$_{de}$	0.5	0.75	0.375	0.75	0.375	0.562	131	0.55	0.75	0.375	63.1	−20.4	17.1	26.7	140.0	0.481	0.594	0.452	70.0	−40.8	37.0	55.1	137.7	29.3	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
382	G00B_075_025$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.688	66.7	−13.7	4.4	14.4	162.2	0.531	0.638	0.587	73.0	−35.0	25.7	43.4	143.6	30.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
383	G25B_075_025$_{de}$	0.5	0.75	0.625	0.75	0.25	0.625	180	0.5	0.75	0.728	66.8	−11.4	−1.9	11.5	189.6	0.537	0.643	0.638	75.1	−26.4	12.5	29.3	154.5	22.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
384	G50B_075_025$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.735	0.75	65.9	−9.7	−7.3	12.1	216.9	0.532	0.628	0.661	74.7	−21.4	−3.6	21.7	189.7	15.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
385	G65B_087_037$_{de}$	0.5	0.75	0.875	0.875	0.375	0.687	229	0.5	0.807	0.875	70.0	−11.6	−16.2	20.0	234.3	0.533	0.668	0.768	74.1	−17.6	−23.6	29.4	233.3	10.2	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
386	G75B_100_050$_{de}$	0.5	0.75	1.0	1.0	0.5	0.75	240	0.5	0.866	1.0	74.2	−12.0	−25.1	27.8	244.3	0.583	0.718	0.926	72.7	−15.9	−29.2	33.2	241.3	5.8	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
387	Y41G_087_087$_{de}$	0.5	0.875	0.0	0.875	0.875	0.437	115	0.642	0.875	0.0	66.3	−34.1	55.9	65.5	121.4	0.514	0.644	0.17	63.2	−51.8	48.2	70.8	137.0	19.5	104	0.734	1.0	0.0	73.5	−39.0	63.9	74.9	121.4
388	Y50G_087_075$_{de}$	0.5	0.875	0.125	0.875	0.75	0.5	120	0.622	0.875	0.125	66.1	−32.8	43.1	54.2	127.2	0.495	0.624	0.306	64.3	−50.2	48.8	70.1	135.8	18.4	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
389	Y61G_087_062$_{de}$	0.5	0.875	0.25	0.875	0.625	0.562	127	0.597	0.875	0.25	66.2	−31.6	31.1	44.3	135.4	0.475	0.625	0.379	65.9	−47.5	43.3	64.3	137.6	20.0	116	0.555	1.0	0.0	64.2	−50.5	49.8	70.9	135.4
390	Y76G_087_050$_{de}$	0.5	0.875	0.375	0.875	0.5	0.625	136	0.375	0.875	0.409	67.2	−30.0	20.3	36.2	145.9	0.451	0.658	0.472	68.0	−43.3	35.6	56.1	140.5	20.3	153	0.0	1.0	0.069	58.2	−60.0	40.6	72.5	145.9
391	G00B_087_037$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.782	72.0	−20.6	6.6	21.6	162.2	0.501	1.0	0.874	71.0	−38.0	28.0	47.2	143.6	27.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
392	G15B_087_037$_{de}$	0.5	0.875	0.625	0.875	0.375	0.687	169	0.5	0.875	0.825	72.6	−17.6	0.1	17.6	179.5	0.534	0.709	0.686	73.2	−33.7	19.5	38.9	149.9	25.2	203	0.0	1.0	0.868	59.8	−47.0	0.3	47.0	179.5
393	G34B_087_037$_{de}$	0.5	0.875	0.75	0.875	0.375	0.687	191	0.5	0.875	0.86	71.9	−16.3	−5.8	17.3	199.6	0.525	0.701	0.719	74.7	−29.1	6.9	29.9	166.5	18.3	208	0.0	1.0	0.96	57.9	−43.5	−15.5	46.2	199.6
394	G50B_087_037$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.852	0.875	70.9	−14.5	−10.9	18.2	216.9	0.5	1.0	1.0	74.7	−23.9	−8.5	25.4	199.5	10.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
395	G61B_100_050$_{de}$	0.5	0.875	1.0	1.0	0.5	0.75	224	0.5	0.926	1.0	74.7	−16.8	−19.9	26.1	229.7	0.523	0.744	0.852	75.7	−17.0	−22.4	28.1	232.7	2.6	217	0.0	0.852	1.0	53.2	−33.7	−39.8	52.2	229.7
396	Y50G_100_100$_{de}$	0.5	1.0	0.0	1.0	1.0	0.5	120	0.663	1.0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
405	R00Y_062_062$_{de}$	0.625	0.0	0.0	0.625	0.625	0.312	390	0.625	0.0	0.148	36.1	40.1	19.1	44.4	25.4	0.596	0.179	0.179	33.8	41.5	27.2	49.6	33.2	8.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
406	R31Y_062_062$_{de}$	0.625	0.0	0.125	0.625	0.625	0.312	379	0.625	0.0	0.277	36.1	42.0	9.8	43.2	13.2	0.606	0.175	0.251	33.9	41.8	23.7	48.1	29.5	13.9	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
407	R11Y_062_062$_{de}$	0.625	0.0	0.25	0.625	0.625	0.312	367	0.625	0.0	0.451	36.1	45.1	−0.1	45.1	359.8	0.598	0.17	0.314	33.6	43.8	9.2	44.8	11.8	9.7	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
408	B69R_062_062$_{de}$	0.625	0.0	0.375	0.625	0.625	0.312	353	0.62	0.0	0.625	37.1	43.6	−7.3	44.2	350.4	0.573	0.2	0.361	33.9	49.8	−8.2	50.5	350.6	7.0	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
409	B59R_062_062$_{de}$	0.625	0.0	0.5	0.625	0.625	0.312	341	0.573	0.0	0.625	35.4	35.1	−13.4	37.6	339.0	0.484	0.2	0.361	35.2	50.1	−21.2	54.4	337.0	16.8	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
410	B50R_062_062$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.531	0.0	0.625	33.9	28.1	−17.1	32.9	328.6	0.422	0.199	0.355	34.8	48.7	−29.3	56.8	328.9	23.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
411	B42R_075_075$_{de}$	0.625	0.0	0.75	0.75	0.75	0.375	321	0.596	0.0	0.75	36.1	28.5	−23.8	37.1	320.0	0.433	0.216	0.418	36.6	38.7	−34.7	52.0	318.0	14.9	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
412	B36R_087_087$_{de}$	0.625	0.0	0.875	0.875	0.875	0.437	314	0.657	0.0	0.875	38.2	28.3	−29.9	41.2	313.4	0.749	0.0	1.0	37.9	27.4	−38.8	47.5	305.2	8.9	316	0.751	0.0	1.0	41.4	32.3	−34.1	47.0	313.4
413	B31R_100_100$_{de}$	0.625	0.0	1.0	1.0	1.0	0.5	308	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7	0.652	0.187	0.874	37.3	20.1	−42.2	46.7	295.4	10.4	313	0.711	0.0	1.0	40.1	28.7	−37.0	46.9	307.7
414	R18Y_062_062$_{de}$	0.625	0.125	0.0	0.625	0.625	0.312	41	0.625	0.115	0.0	36.7	38.1	29.5	48.2	37.7	0.596	0.199	0.098	35.5	45.3	33.1	56.2	36.1	8.1	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
415	R00Y_062_050$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.243	42.1	32.1	15.3	35.5	25.4	0.606	0.282	0.262	35.1	44.0	22.7	49.5	27.2	15.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
416	R26Y_062_050$_{de}$	0.625	0.125	0.25	0.625	0.5	0.375	376	0.625	0.125	0.374	42.1	34.2	5.9	34.7	9.8	0.6	0.284	0.321	34.6	45.9	8.4	46.6	10.4	14.0	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
417	R00Y_062_050$_{de}$	0.625	0.125	0.375	0.625	0.5	0.375	360	0.625	0.125	0.612	42.9	35.8	−4.9	36.1	352.0	0.594	0.294	0.395	35.6	52.5	−9.0	53.3	350.2	18.6	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
418	B61R_062_050$_{de}$	0.625	0.125	0.5	0.625	0.5	0.375	344	0.593	0.125	0.625	41.9	29.8	−9.7	31.4	341.8	0.535	0.295	0.406	37.2	53.4	−22.1	57.8	337.5	27.0	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
419	B50R_062_050$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.55	0.125	0.625	40.4	22.5	−13.7	26.3	328.6	0.469	0.293	0.409	36.8	46.8	−29.7	55.5	327.6	29.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
420	B40R_075_062$_{de}$	0.625	0.125	0.75	0.75	0.625	0.437	319	0.614	0.125	0.75	42.5	22.7	−20.3	30.5	318.1	0.479	0.31	0.469	38.1	37.2	−34.2	50.5	317.4	20.5	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
421	B34R_087_075$_{de}$	0.625	0.125	0.875	0.875	0.75	0.5	311	0.673	0.125	0.875	44.6	22.9	−26.7	35.2	310.5	0.623	0.376	0.749	38.7	27.8	−38.0	47.1	306.2	13.6	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
422	B29R_100_087$_{de}$	0.625	0.125	1.0	1.0	0.875	0.562	305	0.73	0.125	1.0	46.6	23.4	−33.6	41.0	304.9	0.563	0.348	0.669	38.5	20.1	−41.2	45.8	296.0	11.5	312	0.691	0.0	1.0	39.5	26.8	−38.4	46.8	304.9
423	R38Y_062_062$_{de}$	0.625	0.25	0.0	0.625	0.625	0.312	53	0.625	0.245	0.0	41.1	29.5	36.5	46.9	51.0	0.594	0.282	0.122	38.2	36.4	35.7	51.0	44.4	7.5	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
424	R23Y_062_050$_{de}$	0.625	0.25	0.125	0.625	0.5	0.375	44	0.625	0.257	0.125	43.2	29.3	25.5	38.9	41.0	0.61	0.297	0.207	39.1	39.8	34.6	52.8	40.9	14.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
425	R00Y_062_037$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.338	48.1	24.0	11.4	26.6	25.4	0.621	0.349	0.327	39.7	39.6	15.5	42.5	21.4	18.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
426	R18Y_062_037$_{de}$	0.625	0.25	0.375	0.625	0.375	0.437	371	0.625	0.25	0.486	48.1	26.4	1.9	26.4	4.3	0.619	0.351	0.39	39.6	46.5	−4.1	46.7	354.9	22.7	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
427	B65R_062_037$_{de}$	0.625	0.25	0.5	0.625	0.375	0.437	349	0.612	0.25	0.625	48.4	24.5	−5.8	25.2	346.6	0.588	0.362	0.441	40.4	53.0	−21.8	57.3	337.6	33.6	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
428	B50R_062_037$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.568	0.25	0.625	46.8	16.8	−10.3	19.7	328.6	0.517	0.366	0.452	40.2	42.7	−30.6	52.6	324.3	33.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
429	B38R_075_050$_{de}$	0.625	0.25	0.75	0.75	0.5	0.5	316	0.632	0.25	0.75	48.9	16.9	−16.7	23.8	315.3	0.524	0.386	0.515	41.0	32.2	−34.7	47.3	312.8	24.8	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
430	B30R_087_062$_{de}$	0.625	0.25	0.875	0.875	0.625	0.562	307	0.69	0.25	0.875	51.0	17.5	−23.4	29.3	306.8	0.549	0.406	0.587	41.6	23.1	−38.2	44.7	301.2	18.4	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
431	B25R_100_075$_{de}$	0.625	0.25	1.0	1.0	0.75	0.625	300	0.743	0.25	1.0	52.9	17.6	−30.3	35.1	300.1	0.606	0.432	0.718	42.9	15.5	−40.2	43.1	291.0	14.1	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
432	R61Y_062_062$_{de}$	0.625	0.375	0.0	0.625	0.625	0.312	67	0.625	0.333	0.0	47.1	18.0	41.9	45.7	66.6	0.603	0.355	0.139	47.6	15.5	46.4	48.9	71.5	5.1	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
433	R50Y_062_050$_{de}$	0.625	0.375	0.125	0.625	0.5	0.375	60	0.625	0.357	0.125	48.5	18.9	31.4	36.6	58.8	0.617	0.358	0.206	49.2	16.7	47.4	50.3	70.5	16.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
434	R31Y_062_037$_{de}$	0.625	0.375	0.25	0.625	0.375	0.437	49	0.625	0.377	0.25	50.1	19.6	20.8	28.6	46.6	0.631	0.368	0.28	50.7	16.1	25.3	30.0	57.4	5.7	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
435	R00Y_062_025$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.434	54.1	16.0	7.6	17.7	25.4	0.63	0.43	0.409	50.3	20.8	6.1	21.7	16.4	6.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
436	R00Y_062_025$_{de}$	0.625	0.375	0.5	0.625	0.25	0.5	360	0.625	0.375	0.618	54.5	17.9	−2.4	18.0	352.0	0.624	0.444	0.485	50.9	29.6	−11.7	31.9	338.4	15.3	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
437	B50R_062_025$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.587	0.375	0.625	53.2	11.2	−6.8	13.1	328.6	0.568	0.462	0.517	49.3	31.9	−28.5	42.8	318.2	30.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
438	B34R_075_037$_{de}$	0.625	0.375	0.75	0.75	0.375	0.562	311	0.649	0.375	0.75	55.4	11.4	−13.3	17.6	310.5	0.576	0.473	0.572	47.8	22.9	−33.5	40.6	304.3	24.3	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
439	B25R_087_050$_{de}$	0.625	0.375	0.875	0.875	0.5	0.625	300	0.704	0.375	0.875	57.3	11.7	−20.2	23.4	300.1	0.581	0.48	0.629	47.2	16.1	−36.9	40.3	293.5	20.0	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
440	B19R_100_062$_{de}$	0.625	0.375	1.0	1.0	0.625	0.687	293	0.756	0.375	1.0	59.4	11.7	−26.9	29.3	293.5	0.623	0.507	0.73	48.2	9.0	−38.7	39.8	283.1	16.4	307	0.609	0.0	1.0	37.2	18.7	−43.0	46.9	293.5
441	R81Y_062_062$_{de}$	0.625	0.5	0.0	0.625	0.625	0.312	79	0.625	0.408	0.0	52.5	8.2	47.1	47.8	80.0	0.606	0.421	0.148	58.0	−1.7	57.8	57.8	91.7	15.6	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
442	R76Y_062_050$_{de}$	0.625	0.5	0.125	0.625	0.5	0.375	76	0.625	0.434	0.125	54.0	8.5	36.4	37.4	76.7	0.62	0.429	0.224	59.0	−2.0	58.6	58.6	92.0	25.1	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
443	R68Y_062_037$_{de}$	0.625	0.5	0.25	0.625	0.375	0.437	71	0.625	0.464	0.25	55.7	8.9	26.2	27.7	71.1	0.631	0.449	0.305	59.3	−1.0	41.8	41.8	91.4	18.8	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
444	R50Y_062_025$_{de}$	0.625	0.5	0.375	0.625	0.25	0.5	60	0.625	0.491	0.375	57.3	9.4	15.7	18.3	58.8	0.639	0.472	0.387	59.0	3.2	20.0	20.3	80.9	7.8	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
445	R00Y_062_012$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.529	60.1	8.0	3.8	8.8	25.4	0.642	0.527	0.51	57.3	9.6	0.5	9.7	3.4	4.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
446	B50R_062_012$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.606	0.5	0.625	59.7	5.6	−3.4	6.5	328.6	0.601	0.532	0.557	60.1	14.2	−16.0	21.4	311.7	15.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
447	B25R_075_025$_{de}$	0.625	0.5	0.75	0.75	0.25	0.625	300	0.664	0.5	0.75	61.7	5.8	−10.1	11.7	300.1	0.61	0.56	0.631	58.7	11.9	−29.5	31.8	292.0	20.5	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
448	B15R_087_037$_{de}$	0.625	0.5	0.875	0.875	0.375	0.687	289	0.717	0.5	0.875	64.0	6.0	−16.7	17.7	289.7	0.627	0.574	0.703	56.3	6.7	−33.4	34.0	281.4	18.3	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
449	B11R_100_050$_{de}$	0.625	0.5	1.0	1.0	0.5	0.75	284	0.771	0.5	1.0	66.5	6.2	−23.1	23.9	285.0	0.672	0.598	0.811	55.0	1.9	−36.3	36.4	273.1	18.0	302	0.542	0.0	1.0	36.7	12.4	−46.3	47.9	285.0
450	Y00G_062_062$_{de}$	0.625	0.625	0.0	0.625	0.625	0.312	90	0.625	0.5	0.0	58.6	−2.1	53.6	53.7	92.3	0.613	0.497	0.157	69.5	−15.5	69.9	71.6	102.5	23.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
451	Y00G_062_050$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.525	0.125	60.1	−1.7	42.9	42.9	92.3	0.626	0.511	0.253	69.4	−15.3	69.4	71.1	102.4	31.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
452	Y00G_062_037$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.55	0.25	61.6	−1.3	32.2	32.2	92.3	0.629	0.531	0.333	68.7	−14.9	61.0	62.8	103.7	32.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
453	Y00G_062_025$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.575	0.375	63.1	−0.8	21.4	21.4	92.3	0.632	0.556	0.421	68.9	−12.4	38.0	40.0	108.1	21.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
454	Y00G_062_012$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.6	0.5	64.6	−0.4	10.7	10.7	92.3	0.638	0.591	0.523	67.2	−7.3	18.1	19.5	112.0	10.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
455	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	63.3	0.1	−1.0	1.0	276.6	3.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
456	B00R_075_012$_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.674	0.625	0.75	68.9	0.1	−6.2	6.2	271.7	0.652	0.647	0.691	69.4	0.8	−17.3	17.4	272.8	11.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
457	B00R_087_025$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.724	0.625	0.875	71.7	0.3	−12.4	12.4	271.7	0.667	0.667	0.762	68.5	−3.9	−28.1	28.3	261.9	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
458	B00R_100_037$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.773	0.625	1.0	74.5	0.5	−18.6	18.7	271.7	0.711	0.69	0.852	66.3	−7.2	−31.3	32.1	257.0	16.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
459	Y15G_075_075$_{de}$	0.625	0.75	0.0	0.75	0.75	0.375	99	0.723	0.75	0.0	71.6	−15.5	68.3	70.1	102.7	0.664	0.653	0.168	73.1	−32.4	65.2	72.8	116.4	17.2	91	0.964	1.0	0.0	90.3	−20.7	91.1	93.4	102.7
460	Y18G_075_062$_{de}$	0.625	0.75	0.125	0.75	0.625	0.437	101	0.706	0.75	0.125	70.8	−14.6	54.3	56.3	105.1	0.652	0.647	0.3	74.6	−32.3	66.6	74.0	115.8	21.8	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
461	Y23G_075_050$_{de}$	0.625	0.75	0.25	0.75	0.5	0.5	104	0.689	0.75	0.25	70.0	−13.5	40.3	42.5	108.6	0.634	0.637	0.372	76.2	−33.6	65.9	74.0	117.0	33.1	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
462	Y31G_075_037$_{de}$	0.625	0.75	0.375	0.75	0.375	0.562	109	0.679	0.75	0.375	69.7	−12.4	27.3	30.0	114.4	0.623	0.647	0.459	77.4	−30.3	49.5	58.1	121.4	29.5	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
463	Y50G_075_025$_{de}$	0.625	0.75	0.5	0.75	0.25	0.625	120	0.665	0.75	0.5	69.5	−10.9	14.3	18.0	127.2	0.612	0.663	0.554	78.5	−24.6	32.2	40.5	127.4	24.2	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
464	G00B_075_012$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.719	71.4	−6.8	2.2	7.2	162.2	0.639	0.686	0.666	77.8	−19.0	16.4	25.2	139.2	19.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
465	G50B_075_012$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.742	0.75	71.1	−4.8	−3.6	6.0	216.9	0.634	0.674	0.697	76.7	−12.9	−0.7	13.0	183.4	10.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
466	G75B_087_025$_{de}$	0.625	0.75	0.875	0.875	0.25	0.75	240	0.625	0.808	0.875	75.2	−6.0	−12.5	13.9	244.3	0.656	0.713	0.805	79.3	−11.5	−20.4	23.4	240.5	10.4	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
467	G84B_100_037$_{de}$	0.625	0.75	1.0	1.0	0.375	0.812	251	0.625	0.802	1.0	77.7	−5.2	−18.7	19.4	254.3	0.68	0.723	0.864	76.1	−11.8	−24.2	26.9	243.8	8.7	241	0.0	0.472	1.0	46.7	−13.9	−49.9	51.9	254.3
468	Y26G_087_087$_{de}$	0.625	0.875	0.0	0.875	0.875	0.437	106	0.745	0.875	0.0	73.7	−25.9	67.8	72.6	110.9	0.636	0.711	0.155	69.4	−43.5	57.0	71.7	127.3	21.0	97	0.851	1.0	0.0	82.0	−29.6	77.5	83.0	110.9
469	Y31G_087_075$_{de}$	0.625	0.875	0.125	0.875	0.75	0.5	109	0.734	0.875	0.125	73.3	−24.8	54.7	60.1	114.4	0.62	0.697	0.309	70.4	−42.3	57.8	71.6	126.1	17.9	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
470	Y38G_087_062$_{de}$	0.625	0.875	0.25	0.875	0.625	0.562	113	0.725	0.875	0.25	73.1	−23.2	41.6	47.7	119.1	0.75	1.0	0.5	71.7	−40.4	51.7	65.6	127.9	19.9	103	0.761	1.0	0.0	75.2	−37.1	66.6	76.3	119.1
471	Y50G_087_050$_{de}$	0.625	0.875	0.375	0.875	0.5	0.625	120	0.706	0.875	0.375	72.8	−21.8	28.7	36.1	127.2	0.59	0.697	0.473	73.0	−37.5	40.8	55.5	132.6	19.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
472	Y68G_087_037$_{de}$	0.625	0.875	0.5	0.875	0.375	0.687	131	0.675	0.875	0.5	73.2	−20.4	17.1	26.7	140.0	0.571	0.711	0.566	75.4	−33.1	30.9	45.3	136.9	18.8	122	0.467	1.0	0.0	61.4	−54.6	45.6	71.2	140.0
473	G00B_087_025$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.813	76.8	−13.7	4.4	14.4	162.2	0.635	0.752	0.713	78.1	−27.9	20.8	34.8	143.2	21.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
474	G25B_087_025$_{de}$	0.625	0.875	0.75	0.875	0.25	0.75	180	0.625	0.875	0.853	76.9	−11.4	−1.9	11.5	189.6	0.646	0.76	0.764	80.5	−23.2	10.3	25.4	156.0	17.4	205	0.0	1.0	0.915	59.0	−45.6	−7.7	46.3	189.6
475	G50B_087_025$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.86	0.875	76.0	−9.7	−7.3	12.1	216.9	0.635	0.731	0.778	81.0	−18.2	−4.2	18.7	193.1	10.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
476	G65B_100_037$_{de}$	0.625	0.875	1.0	1.0	0.375	0.812	229	0.625	0.932	1.0	80.1	−11.6	−16.2	20.0	234.3	0.641	0.773	0.871	81.1	−12.7	−18.7	22.7	235.7	2.9	219	0.0	0.818	1.0	53.0	−31.1	−43.4	53.4	234.3
477	Y36G_100_100$_{de}$	0.625	1.0	0.0	1.0	1.0	0.5	112	0.774	1.0	0.0	76

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			*h*$_{si_Fde}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	*h*$_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
486	R00Y_075_075$_{de}$	0.75	0.0	0.0	0.75	0.75	0.375	390	0.75	0.0	0.177	40.1	48.1	22.9	53.3	25.4	0.698	0.231	0.227	39.2	49.5	32.3	59.2	33.1	9.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
487	R35Y_075_075$_{de}$	0.75	0.0	0.125	0.75	0.75	0.375	381	0.75	0.0	0.304	40.2	49.8	13.7	51.7	15.4	0.698	0.234	0.293	38.6	49.1	28.3	56.7	29.9	14.7	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
488	R18Y_075_075$_{de}$	0.75	0.0	0.25	0.75	0.75	0.375	371	0.75	0.0	0.472	40.2	52.8	3.9	52.9	4.3	0.704	0.222	0.358	37.7	49.8	18.0	53.0	19.9	14.6	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
489	R00Y_075_075$_{de}$	0.75	0.0	0.375	0.75	0.75	0.375	360	0.75	0.0	0.731	41.3	53.7	−7.4	54.2	352.0	0.682	0.254	0.434	37.3	53.3	2.2	53.3	2.4	10.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
490	B65R_075_075$_{de}$	0.75	0.0	0.5	0.75	0.75	0.375	349	0.725	0.0	0.75	40.7	49.1	−11.6	50.4	346.6	0.631	0.257	0.437	38.6	58.6	−11.2	59.6	349.1	9.7	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
491	B57R_075_075$_{de}$	0.75	0.0	0.625	0.75	0.75	0.375	339	0.679	0.0	0.75	39.0	40.4	−17.0	43.9	337.1	0.546	0.249	0.429	39.4	57.6	−21.9	61.7	339.1	17.9	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
492	B50R_075_075$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.6	0.483	0.233	0.422	37.9	52.5	−26.4	58.8	333.2	19.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
493	B43R_087_087$_{de}$	0.75	0.0	0.875	0.875	0.875	0.437	322	0.7	0.0	0.875	39.7	33.9	−27.4	43.6	321.0	0.497	0.266	0.489	39.0	41.7	−32.0	52.5	322.4	9.0	319	0.8	0.0	1.0	43.1	38.8	−31.3	49.9	321.0
494	B38R_100_100$_{de}$	0.75	0.0	1.0	1.0	1.0	0.5	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3	0.739	0.185	0.919	41.4	32.1	−34.2	46.9	313.1	2.0	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
495	R15Y_075_075$_{de}$	0.75	0.125	0.0	0.75	0.75	0.375	39	0.75	0.088	0.0	40.5	46.5	33.2	57.1	35.5	0.686	0.245	0.157	40.2	53.4	40.3	66.9	37.0	9.9	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
496	R00Y_075_062$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.273	46.1	40.1	19.1	44.4	25.4	0.707	0.306	0.294	39.3	50.9	28.8	58.5	29.4	16.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
497	R31Y_075_062$_{de}$	0.75	0.125	0.25	0.75	0.625	0.437	379	0.75	0.125	0.402	46.2	42.0	9.8	43.2	13.2	0.707	0.307	0.355	38.6	51.6	16.2	54.1	17.4	13.7	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
498	R11Y_075_062$_{de}$	0.75	0.125	0.375	0.75	0.625	0.437	367	0.75	0.125	0.576	46.2	45.1	−0.1	45.1	359.8	0.703	0.307	0.419	38.4	56.2	0.0	56.2	0.0	13.5	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
499	B69R_075_062$_{de}$	0.75	0.125	0.5	0.75	0.625	0.437	353	0.745	0.125	0.75	47.1	43.6	−7.3	44.2	350.4	0.685	0.321	0.467	39.9	61.2	−13.7	62.7	347.3	20.0	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
500	B59R_075_062$_{de}$	0.75	0.125	0.625	0.75	0.625	0.437	341	0.698	0.125	0.75	45.5	35.1	−13.4	37.6	339.0	0.596	0.32	0.471	39.7	58.7	−22.2	62.8	339.2	25.8	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
501	B50R_075_062$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.656	0.125	0.75	44.0	28.1	−17.1	32.9	328.6	0.532	0.318	0.471	39.4	49.8	−28.0	57.2	330.6	24.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
502	B42R_087_075$_{de}$	0.75	0.125	0.875	0.875	0.75	0.5	321	0.721	0.125	0.875	46.2	28.5	−23.8	37.1	320.0	0.559	0.336	0.549	40.1	39.3	−32.2	50.8	320.6	14.9	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
503	B36R_100_087$_{de}$	0.75	0.125	1.0	1.0	0.875	0.562	314	0.782	0.125	1.0	48.3	28.3	−29.9	41.2	313.4	0.575	0.359	0.623	42.1	31.7	−34.0	46.6	312.9	8.2	316	0.751	0.0	1.0	41.4	32.3	−34.1	47.0	313.4
504	R31Y_075_075$_{de}$	0.75	0.25	0.0	0.75	0.75	0.375	49	0.75	0.255	0.0	44.2	39.3	41.6	57.2	46.6	0.69	0.293	0.13	43.5	49.1	44.4	66.2	42.1	10.2	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
505	R18Y_075_062$_{de}$	0.75	0.25	0.125	0.75	0.625	0.437	41	0.75	0.24	0.125	46.8	38.1	29.5	48.2	37.7	0.712	0.313	0.231	42.3	52.9	42.1	67.6	38.5	19.9	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
506	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	41.3	53.8	24.5	59.1	24.5	25.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
507	R26Y_075_050$_{de}$	0.75	0.25	0.375	0.75	0.5	0.5	376	0.75	0.25	0.499	52.2	34.2	5.9	34.7	9.8	0.716	0.372	0.414	41.7	56.5	6.6	56.9	6.6	24.6	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
508	R00Y_075_050$_{de}$	0.75	0.25	0.5	0.75	0.5	0.5	360	0.75	0.25	0.737	52.9	35.8	−4.9	36.1	352.0	0.713	0.39	0.497	42.6	64.0	−13.4	65.4	348.1	31.1	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
509	B61R_075_050$_{de}$	0.75	0.25	0.625	0.75	0.5	0.5	344	0.718	0.25	0.75	52.0	29.8	−9.7	31.4	341.8	0.649	0.391	0.508	42.6	56.8	−23.2	61.4	337.7	31.5	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
510	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.579	0.391	0.513	42.1	45.5	−29.3	54.2	327.1	29.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
511	B40R_087_062$_{de}$	0.75	0.25	0.875	0.875	0.625	0.562	319	0.739	0.25	0.875	52.6	22.7	−20.3	30.5	318.1	0.604	0.418	0.589	42.3	35.8	−33.0	48.7	317.2	20.9	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
512	B34R_100_075$_{de}$	0.75	0.25	1.0	1.0	0.75	0.625	311	0.798	0.25	1.0	54.7	22.9	−26.7	35.2	310.5	0.662	0.449	0.714	44.9	27.9	−34.0	44.0	309.4	13.1	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
513	R50Y_075_075$_{de}$	0.75	0.375	0.0	0.75	0.75	0.375	60	0.75	0.348	0.0	49.8	28.4	47.1	55.0	58.8	0.697	0.359	0.134	53.1	28.3	52.9	60.0	61.8	6.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
514	R38Y_075_062$_{de}$	0.75	0.375	0.125	0.75	0.625	0.437	53	0.75	0.37	0.125	51.2	29.5	36.5	46.9	51.0	0.713	0.362	0.21	52.3	31.7	51.7	60.7	58.4	15.4	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
515	R23Y_075_050$_{de}$	0.75	0.375	0.25	0.75	0.5	0.5	44	0.75	0.382	0.25	53.3	29.3	25.5	38.9	41.0	0.726	0.377	0.293	53.8	30.8	33.7	45.6	47.5	8.2	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
516	R00Y_075_037$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.463	58.2	24.0	11.4	26.6	25.4	0.734	0.45	0.43	53.7	34.6	13.8	37.3	21.8	11.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
517	R18Y_075_037$_{de}$	0.75	0.375	0.5	0.75	0.375	0.562	371	0.75	0.375	0.611	58.2	26.4	1.9	26.4	4.3	0.736	0.458	0.5	52.3	42.1	−5.0	42.4	353.1	18.2	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
518	B65R_075_037$_{de}$	0.75	0.375	0.625	0.75	0.375	0.562	349	0.737	0.375	0.75	58.4	24.5	−5.8	25.2	346.6	0.709	0.474	0.556	51.2	47.3	−21.1	51.8	335.9	28.4	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
519	B50R_075_037$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.693	0.375	0.75	56.9	16.8	−10.3	19.7	328.6	0.629	0.473	0.563	48.2	37.7	−28.3	47.1	323.1	28.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
520	B38R_087_050$_{de}$	0.75	0.375	0.875	0.875	0.5	0.625	316	0.757	0.375	0.875	59.0	16.9	−16.7	23.8	315.3	0.631	0.489	0.622	48.8	25.9	−32.1	41.2	308.8	20.4	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
521	B30R_100_062$_{de}$	0.75	0.375	1.0	1.0	0.625	0.687	307	0.815	0.375	1.0	61.1	17.5	−23.4	29.3	306.8	0.658	0.52	0.749	50.1	20.6	−33.3	39.1	301.8	15.0	313	0.705	0.0	1.0	39.9	28.1	−37.5	46.9	306.8
522	R68Y_075_075$_{de}$	0.75	0.5	0.0	0.75	0.75	0.375	71	0.75	0.428	0.0	55.4	17.9	52.4	55.4	71.1	0.701	0.429	0.14	62.4	10.4	62.4	63.3	80.4	14.2	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
523	R61Y_075_062$_{de}$	0.75	0.5	0.125	0.75	0.625	0.437	67	0.75	0.458	0.125	57.2	18.0	41.9	45.7	66.6	0.715	0.438	0.225	62.2	12.2	61.9	63.1	78.7	21.3	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
524	R50Y_075_050$_{de}$	0.75	0.5	0.25	0.75	0.5	0.5	60	0.75	0.482	0.25	58.6	18.9	31.4	36.6	58.8	0.728	0.45	0.304	62.8	12.5	46.7	48.4	74.9	17.1	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
525	R31Y_075_037$_{de}$	0.75	0.5	0.375	0.75	0.375	0.562	49	0.75	0.502	0.375	60.2	19.6	20.8	28.6	46.6	0.743	0.467	0.38	63.0	14.3	24.6	28.5	59.7	7.0	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
526	R00Y_075_025$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.559	64.2	16.0	7.6	17.7	25.4	0.75	0.542	0.527	61.7	19.9	6.2	20.8	17.3	4.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
527	R00Y_075_025$_{de}$	0.75	0.5	0.625	0.75	0.25	0.625	360	0.75	0.5	0.743	64.6	17.9	−2.4	18.0	352.0	0.749	0.569	0.611	60.7	29.2	−11.5	31.4	338.5	14.9	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
528	B50R_075_025$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.712	0.5	0.75	63.3	11.2	−6.8	13.1	328.6	0.678	0.574	0.633	58.7	29.4	−23.7	37.8	321.1	25.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
529	B34R_087_037$_{de}$	0.75	0.5	0.875	0.875	0.375	0.687	311	0.774	0.5	0.875	65.4	11.4	−13.3	17.6	310.5	0.69	0.587	0.7	56.2	20.4	−28.9	35.4	305.2	20.1	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
530	B25R_100_050$_{de}$	0.75	0.5	1.0	1.0	0.5	0.75	300	0.829	0.5	1.0	67.3	11.7	−20.2	23.4	300.1	0.721	0.605	0.794	55.8	12.8	−31.7	34.2	292.0	16.3	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
531	R85Y_075_075$_{de}$	0.75	0.625	0.0	0.75	0.75	0.375	81	0.75	0.507	0.0	61.0	7.8	57.9	58.5	82.2	0.706	0.499	0.146	72.1	−5.1	72.5	72.7	94.0	22.4	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
532	R81Y_075_062$_{de}$	0.75	0.625	0.125	0.75	0.625	0.437	79	0.75	0.533	0.125	62.5	8.2	47.1	47.8	80.0	0.719	0.51	0.247	71.9	−4.8	72.4	72.6	93.8	30.0	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
533	R76Y_075_050$_{de}$	0.75	0.625	0.25	0.75	0.5	0.5	76	0.75	0.559	0.25	64.1	8.5	36.4	37.4	76.7	0.73	0.527	0.325	71.2	−3.8	64.0	64.1	93.4	31.1	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
534	R68Y_075_037$_{de}$	0.75	0.625	0.375	0.75	0.375	0.562	71	0.75	0.589	0.375	65.8	8.9	26.2	27.7	71.1	0.746	0.552	0.411	70.7	−1.5	41.3	41.3	92.1	19.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
535	R50Y_075_025$_{de}$	0.75	0.625	0.5	0.75	0.25	0.625	60	0.75	0.616	0.5	67.4	9.4	15.7	18.3	58.8	0.757	0.585	0.512	69.8	2.5	22.1	22.2	83.3	9.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
536	R00Y_075_012$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.654	70.2	8.0	3.8	8.8	25.4	0.764	0.653	0.64	67.3	10.3	1.2	10.4	6.8	4.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
537	B50R_075_012$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.731	0.625	0.75	69.7	5.6	−3.4	6.5	328.6	0.719	0.653	0.685	69.9	14.3	−15.2	20.9	313.2	14.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
538	B25R_087_025$_{de}$	0.75	0.625	0.875	0.875	0.25	0.75	300	0.789	0.625	0.875	71.8	5.8	−10.1	11.7	300.1	0.732	0.679	0.762	67.5	10.3	−24.0	26.1	293.2	15.2	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
539	B15R_100_037$_{de}$	0.75	0.625	1.0	1.0	0.375	0.812	289	0.842	0.625	1.0	74.1	6.0	−16.7	17.7	289.7	0.758	0.685	0.845	65.2	4.5	−27.6	28.0	279.2	14.1	305	0.579	0.0	1.0	37.0	16.0	−44.6	47.4	289.7
540	Y00G_075_075$_{de}$	0.75	0.75	0.0	0.75	0.75	0.375	90	0.75	0.6	0.0	67.1	−2.6	64.4	64.4	92.3	0.702	0.577	0.158	81.2	−17.1	81.9	83.7	101.7	26.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
541	Y00G_075_062$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.625	0.125	68.6	−2.1	53.6	53.7	92.3	0.719	0.595	0.282	80.3	−16.8	81.1	82.9	101.7	33.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
542	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.739	0.616	0.36	79.5	−16.5	77.3	79.1	102.0	38.6	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
543	Y00G_075_037$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.675	0.375	71.7	−1.3	32.2	32.2	92.3	0.75	0.644	0.454	79.5	−15.6	57.7	59.7	105.1	30.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
544	Y00G_075_025$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.7	0.5	73.2	−0.8	21.4	21.4	92.3	0.759	0.681	0.553	78.7	−12.7	38.5	40.5	108.3	21.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
545	Y00G_075_012$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.725	0.625	74.7	−0.4	10.7	10.7	92.3	0.77	0.727	0.663	76.0	−7.6	19.5	21.0	111.4	11.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
546	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	73.1	0.2	−0.4	0.5	293.1	3.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
547	B00R_087_012$_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.799	0.75	0.875	79.0	0.1	−6.2	6.2	271.7	0.772	0.76	0.813	82.1	−2.3	−15.9	16.0	261.4	10.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
548	B00R_100_025$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.849	0.75	1.0	81.8	0.3	−12.4	12.4	271.7	0.775	0.758	0.863	78.0	−7.0	−20.9	22.1	251.3	11.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
549	Y13G_087_087$_{de}$	0.75	0.875	0.0	0.875	0.875	0.437	98	0.859	0.875	0.0	82.0	−16.7	81.5	83.2	101.6	0.796	0.789	0.127	81.1	−30.0	75.5	81.3	111.7	14.6	90	0.982	1.0	0.0	91.5	−19.1	93.1	95.1	101.6
550	Y15G_087_075$_{de}$	0.75	0.875	0.125	0.875	0.75	0.5	99	0.848	0.875	0.125	81.7	−15.5	68.3	70.1	102.7	0.796	0.786	0.32	81.5	−30.0	75.4	81.2	111.6	16.1	91	0.964	1.0	0.0	90.3	−20.7	91.1	93.4	102.7
551	Y18G_087_062$_{de}$	0.75	0.875	0.25	0.875	0.625	0.562	101	0.831	0.875	0.25	80.9	−14.6	54.3	56.3	105.1	0.779	0.775	0.409	82.1	−29.2	70.4	76.2	112.5	21.7	93	0.93	1.0	0.0	87.7	−23.5	86.9	90.1	105.1
552	Y23G_087_050$_{de}$	0.75	0.875	0.375	0.875	0.5	0.625	104	0.814	0.875	0.375	80.1	−13.5	40.3	42.5	108.6	0.766	0.772	0.5	83.1	−27.4	57.6	63.8	115.4	22.4	96	0.878	1.0	0.0	84.0	−27.1	80.6	85.0	108.6
553	Y31G_087_037$_{de}$	0.75	0.875	0.5	0.875	0.375	0.687	109	0.804	0.875	0.5	79.8	−12.4	27.3	30.0	114.4	0.762	0.792	0.597	83.6	−25.3	43.7	50.5	120.0	21.1	100	0.813	1.0	0.0	79.1	−33.1	72.9	80.1	114.4
554	Y50G_087_025$_{de}$	0.75	0.875	0.625	0.875	0.25	0.75	120	0.79	0.875	0.625	79.5	−10.9	14.3	18.0	127.2	0.742	0.805	0.696	84.9	−22.0	29.8	37.1	126.4	19.7	109	0.663	1.0	0.0	69.4	−43.7	57.5	72.3	127.2
555	G00B_087_012$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.844	81.5	−6.8	2.2	7.2	162.2	0.758	0.807	0.793	87.1	−17.6	17.6	24.9	135.1	19.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
556	G50B_087_012$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.867	0.875	81.1	−4.8	−3.6	6.0	216.9	0.755	0.789	0.819	87.4	−12.4	−0.4	12.4	181.9	10.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
557	G75B_100_025$_{de}$	0.75	0.875	1.0	1.0	0.25	0.875	240	0.75	0.933	1.0	85.3	−6.0	−12.5	13.9	244.3	0.786	0.848	0.987	86.0	−9.0	−13.8	16.5	236.8	3.3	224	0.0	0.732	1.0	52.2	−24.1	−50.2	55.7	244.3
558	Y23G_100_100$_{de}$	0.75	1.0	0.0	1.0	1.0	0.5	104	0.878	1.0

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
567	R00Y_087_087$_{de}$	0.875	0.0	0.0	0.875	0.875	0.437	390	0.875	0.0	0.207	44.2	56.2	26.7	62.2	25.4	0.875	0.0	0.25	43.4	56.5	39.8	69.1	35.2	13.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
568	R36Y_087_087$_{de}$	0.875	0.0	0.125	0.875	0.875	0.437	382	0.875	0.0	0.339	44.3	57.7	17.1	60.2	16.5	0.921	0.0	0.376	43.3	55.8	34.5	65.6	31.7	17.5	367	1.0	0.0	0.387	48.4	66.0	19.6	68.8	16.5
569	R23Y_087_087$_{de}$	0.875	0.0	0.25	0.875	0.875	0.437	374	0.875	0.0	0.482	44.3	60.6	8.1	61.1	7.6	0.803	0.252	0.396	42.8	56.3	25.3	61.7	24.1	17.7	356	1.0	0.0	0.551	48.3	69.3	9.3	69.9	7.6
570	R08Y_087_087$_{de}$	0.875	0.0	0.375	0.875	0.875	0.437	365	0.875	0.0	0.678	44.3	63.9	−2.6	63.9	357.6	0.8	0.245	0.463	43.0	59.0	12.1	60.2	11.6	15.6	342	1.0	0.0	0.775	48.4	73.0	−3.0	73.0	357.6
571	B70R_087_087$_{de}$	0.875	0.0	0.5	0.875	0.875	0.437	355	0.875	0.0	0.842	45.5	62.9	−8.5	63.5	352.3	0.789	0.268	0.501	43.3	63.5	0.0	63.5	359.9	8.7	331	1.0	0.0	0.963	49.7	71.9	−9.7	72.6	352.3
572	B63R_087_087$_{de}$	0.875	0.0	0.625	0.875	0.875	0.437	346	0.83	0.0	0.875	44.2	54.3	−15.8	56.5	343.7	0.875	0.125	0.875	44.3	68.6	−11.5	69.5	350.4	14.9	327	0.949	0.0	1.0	48.3	62.0	−18.0	64.6	343.7
573	B56R_087_087$_{de}$	0.875	0.0	0.75	0.875	0.875	0.437	338	0.787	0.0	0.875	42.7	46.1	−20.3	50.4	336.1	0.874	0.0	1.0	44.1	67.7	−15.7	69.5	346.9	22.1	324	0.899	0.0	1.0	46.6	52.7	−23.2	57.6	336.1
574	B50R_087_087$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.743	0.0	0.875	41.2	39.4	−24.0	46.1	328.6	0.551	0.275	0.496	43.6	60.6	−20.1	63.9	341.6	21.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
575	B44R_100_100$_{de}$	0.875	0.0	1.0	1.0	1.0	0.5	323	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9	0.774	0.25	0.874	45.7	48.0	−25.0	54.1	332.4	10.5	319	0.807	0.0	1.0	43.3	39.6	−30.9	50.2	321.9
576	R13Y_087_087$_{de}$	0.875	0.125	0.0	0.875	0.875	0.437	38	0.875	0.032	0.0	44.2	55.0	37.7	66.7	34.3	0.875	0.0	0.0	44.6	59.1	45.2	74.4	37.4	8.5	31	1.0	0.037	0.0	48.3	62.9	43.0	76.2	34.3
577	R00Y_087_075$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.302	50.2	48.1	22.9	53.3	25.4	0.804	0.328	0.324	43.6	56.5	32.7	65.3	30.0	14.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
578	R35Y_087_075$_{de}$	0.875	0.125	0.25	0.875	0.75	0.5	381	0.875	0.125	0.429	50.3	49.8	13.7	51.7	15.4	0.805	0.328	0.387	43.3	57.5	22.7	61.8	21.6	13.7	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
579	R18Y_087_075$_{de}$	0.875	0.125	0.375	0.875	0.75	0.5	371	0.875	0.125	0.597	50.3	52.8	3.9	52.9	4.3	0.805	0.329	0.453	43.4	60.4	10.2	61.3	9.6	12.0	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
580	R00Y_087_075$_{de}$	0.875	0.125	0.5	0.875	0.75	0.5	360	0.875	0.125	0.856	51.4	53.7	−7.4	54.2	352.0	1.0	0.375	1.0	43.7	65.5	−3.0	65.6	357.3	14.7	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
581	B65R_087_075$_{de}$	0.875	0.125	0.625	0.875	0.75	0.5	349	0.85	0.125	0.875	50.7	49.1	−11.6	50.4	346.6	0.766	0.355	0.555	45.1	70.5	−12.9	71.7	349.5	22.2	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
582	B57R_087_075$_{de}$	0.875	0.125	0.75	0.875	0.75	0.5	339	0.804	0.125	0.875	49.1	40.4	−17.0	43.9	337.1	0.875	0.375	0.875	44.0	65.2	−17.4	67.5	345.0	25.3	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
583	B50R_087_075$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.6	0.875	0.375	1.0	44.4	56.5	−22.1	60.7	338.5	23.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
584	B43R_100_087$_{de}$	0.875	0.125	1.0	1.0	0.875	0.562	322	0.825	0.125	1.0	49.8	33.9	−27.4	43.6	321.0	0.685	0.384	0.686	45.9	46.5	−25.7	53.1	331.0	13.2	319	0.8	0.0	1.0	43.1	38.8	−31.3	49.9	321.0
585	R26Y_087_087$_{de}$	0.875	0.25	0.0	0.875	0.875	0.437	46	0.875	0.257	0.0	47.3	49.1	46.3	67.5	43.3	0.795	0.296	0.129	47.7	57.2	50.1	76.0	41.2	8.8	46	1.0	0.294	0.0	51.8	56.2	52.9	77.2	43.3
586	R15Y_087_075$_{de}$	0.875	0.25	0.125	0.875	0.75	0.5	39	0.875	0.213	0.125	50.5	46.5	33.2	57.1	35.5	0.808	0.332	0.257	46.7	60.1	44.9	75.0	36.7	18.3	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
587	R00Y_087_062$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.398	56.2	40.1	19.1	44.4	25.4	0.814	0.401	0.385	46.9	60.8	31.0	68.3	27.0	25.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
588	R31Y_087_062$_{de}$	0.875	0.25	0.375	0.875	0.625	0.562	379	0.875	0.25	0.527	56.3	42.0	9.8	43.2	13.2	0.816	0.406	0.453	47.0	63.7	17.2	66.0	15.1	24.7	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
589	R11Y_087_062$_{de}$	0.875	0.25	0.5	0.875	0.625	0.562	367	0.875	0.25	0.701	56.2	45.1	−0.1	45.1	359.8	0.819	0.41	0.526	47.7	68.9	−1.3	68.9	358.9	25.3	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
590	B69R_087_062$_{de}$	0.875	0.25	0.625	0.875	0.625	0.562	353	0.87	0.25	0.875	57.2	43.6	−7.3	44.2	350.4	0.808	0.431	0.583	47.8	71.0	−12.9	72.2	349.6	29.4	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
591	B59R_087_062$_{de}$	0.875	0.25	0.75	0.875	0.625	0.562	341	0.823	0.25	0.875	55.6	35.1	−13.4	37.6	339.0	0.73	0.433	0.593	46.8	61.2	−18.7	64.0	342.9	28.0	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
592	B50R_087_062$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.781	0.25	0.875	54.1	28.1	−17.1	32.9	328.6	0.659	0.426	0.59	46.9	51.6	−23.2	56.6	335.7	25.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
593	B42R_100_075$_{de}$	0.875	0.25	1.0	1.0	0.75	0.625	321	0.846	0.25	1.0	56.3	28.5	−23.8	37.1	320.0	0.875	0.5	1.0	46.9	44.4	−26.0	51.5	329.6	18.6	318	0.794	0.0	1.0	42.9	38.0	−31.8	49.5	320.0
594	R41Y_087_087$_{de}$	0.875	0.375	0.0	0.875	0.875	0.437	55	0.875	0.361	0.0	52.4	39.0	52.3	65.3	53.3	0.793	0.367	0.126	55.1	41.6	55.5	69.4	53.1	4.8	54	1.0	0.413	0.0	57.7	44.5	59.8	74.6	53.3
595	R31Y_087_075$_{de}$	0.875	0.375	0.125	0.875	0.75	0.5	49	0.875	0.38	0.125	54.3	39.3	41.6	57.2	46.6	0.805	0.381	0.222	54.5	48.7	55.9	74.2	48.9	17.1	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
596	R18Y_087_062$_{de}$	0.875	0.375	0.25	0.875	0.625	0.562	41	0.875	0.365	0.25	56.9	38.1	29.5	48.2	37.7	0.819	0.409	0.326	54.4	51.6	42.2	66.7	39.2	18.7	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
597	R00Y_087_050$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.493	62.2	32.1	15.3	35.5	25.4	0.836	0.474	0.459	54.6	52.9	22.8	57.6	23.3	23.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
598	R26Y_087_050$_{de}$	0.875	0.375	0.5	0.875	0.5	0.625	376	0.875	0.375	0.624	62.3	34.2	5.9	34.7	9.8	0.836	0.48	0.527	54.5	56.0	5.4	56.3	5.5	23.1	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
599	R00Y_087_050$_{de}$	0.875	0.375	0.625	0.875	0.5	0.625	360	0.875	0.375	0.862	63.0	35.8	−4.9	36.1	352.0	0.829	0.502	0.611	54.6	63.2	−12.3	64.4	348.9	29.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
600	B61R_087_050$_{de}$	0.875	0.375	0.75	0.875	0.5	0.625	344	0.843	0.375	0.875	62.0	29.8	−9.7	31.4	341.8	0.776	0.514	0.635	53.1	53.7	−18.0	56.7	341.4	26.7	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
601	B50R_087_050$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.8	0.375	0.875	60.5	22.5	−13.7	26.3	328.6	0.699	0.507	0.634	51.1	45.2	−23.0	50.7	332.9	26.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
602	B40R_100_062$_{de}$	0.875	0.375	1.0	1.0	0.625	0.687	319	0.864	0.375	1.0	62.7	22.7	−20.3	30.5	318.1	0.749	0.547	0.749	49.6	39.7	−26.0	47.4	326.7	22.1	318	0.782	0.0	1.0	42.5	36.4	−32.5	48.8	318.1
603	R58Y_087_087$_{de}$	0.875	0.5	0.0	0.875	0.875	0.437	65	0.875	0.45	0.0	58.4	27.4	57.4	63.6	64.4	0.798	0.441	0.134	65.1	22.9	65.1	69.0	70.6	11.1	60	1.0	0.515	0.0	64.5	31.3	65.6	72.7	64.4
604	R50Y_087_075$_{de}$	0.875	0.5	0.125	0.875	0.75	0.5	60	0.875	0.473	0.125	59.8	28.4	47.1	55.0	58.8	0.81	0.45	0.235	64.6	24.7	64.8	69.4	69.1	18.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
605	R38Y_087_062$_{de}$	0.875	0.5	0.25	0.875	0.625	0.562	53	0.875	0.495	0.25	61.2	29.5	36.5	46.9	51.0	0.825	0.462	0.314	65.0	28.0	54.7	61.5	62.8	18.6	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
606	R23Y_087_050$_{de}$	0.875	0.5	0.375	0.875	0.5	0.625	44	0.875	0.507	0.375	63.3	29.3	25.5	38.9	41.0	0.843	0.48	0.394	66.1	28.1	31.3	42.1	48.0	6.4	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
607	R00Y_087_037$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.588	68.2	24.0	11.4	26.6	25.4	0.851	0.556	0.542	65.3	32.2	13.2	34.8	22.2	8.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
608	R18Y_087_037$_{de}$	0.875	0.5	0.625	0.875	0.375	0.687	371	0.875	0.5	0.736	68.3	26.4	1.9	26.4	4.3	0.849	0.57	0.614	64.0	41.0	−4.1	41.2	354.2	16.3	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
609	B65R_087_037$_{de}$	0.875	0.5	0.75	0.875	0.375	0.687	349	0.862	0.5	0.875	68.5	24.5	−5.8	25.2	346.6	0.822	0.587	0.678	63.0	42.9	−15.2	45.5	340.4	21.3	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
610	B50R_087_037$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.818	0.5	0.875	66.9	16.8	−10.3	19.7	328.6	0.754	0.596	0.695	59.0	35.3	−21.0	41.1	329.2	22.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
611	B38R_100_050$_{de}$	0.875	0.5	1.0	1.0	0.5	0.75	316	0.882	0.5	1.0	69.1	16.9	−16.7	23.8	315.3	0.769	0.614	0.775	56.5	30.1	−24.5	38.8	320.7	19.7	316	0.764	0.0	1.0	41.9	33.9	−33.5	47.7	315.3
612	R73Y_087_087$_{de}$	0.875	0.625	0.0	0.875	0.875	0.437	74	0.875	0.525	0.0	63.8	17.4	62.7	65.1	74.4	0.808	0.507	0.135	74.3	6.4	74.5	74.8	85.0	19.1	66	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74.4
613	R68Y_087_075$_{de}$	0.875	0.625	0.125	0.875	0.75	0.5	71	0.875	0.553	0.125	65.5	17.9	52.4	55.4	71.1	0.816	0.522	0.257	73.8	7.2	74.2	74.5	84.4	25.6	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
614	R61Y_087_062$_{de}$	0.875	0.625	0.25	0.875	0.625	0.562	67	0.875	0.583	0.25	67.2	18.0	41.9	45.7	66.6	0.833	0.538	0.328	73.7	9.0	68.0	68.6	82.3	28.2	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
615	R50Y_087_050$_{de}$	0.875	0.625	0.375	0.875	0.5	0.625	60	0.875	0.607	0.375	68.6	18.9	31.4	36.6	58.8	0.848	0.551	0.402	74.3	10.2	43.2	44.4	76.6	15.7	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
616	R31Y_087_037$_{de}$	0.875	0.625	0.5	0.875	0.375	0.687	49	0.875	0.627	0.5	70.3	19.6	20.8	28.6	46.6	0.862	0.572	0.492	74.6	12.6	24.6	27.7	62.8	9.0	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
617	R00Y_087_025$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.684	74.2	16.0	7.6	17.7	25.4	0.861	0.654	0.639	72.9	20.1	6.4	21.1	17.8	4.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
618	R00Y_087_025$_{de}$	0.875	0.625	0.75	0.875	0.25	0.75	360	0.875	0.625	0.868	74.6	17.9	−2.4	18.0	352.0	0.85	0.672	0.72	73.4	29.8	−10.6	31.7	340.3	14.5	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
619	B50R_087_025$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.837	0.625	0.875	73.4	11.2	−6.8	13.1	328.6	0.794	0.69	0.756	68.3	25.6	−17.2	30.9	326.0	18.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
620	B34R_100_037$_{de}$	0.875	0.625	1.0	1.0	0.375	0.812	311	0.899	0.625	1.0	75.5	11.4	−13.3	17.6	310.5	0.812	0.697	0.84	65.3	21.0	−21.0	29.7	314.9	15.9	314	0.731	0.0	1.0	40.8	30.5	−35.6	46.9	310.5
621	R86Y_087_087$_{de}$	0.875	0.75	0.0	0.875	0.875	0.437	82	0.875	0.602	0.0	69.3	7.9	68.4	68.8	83.4	0.812	0.578	0.142	82.9	−6.6	83.9	84.1	94.5	25.2	72	1.0	0.688	0.0	77.0	9.0	78.1	78.7	83.4
622	R85Y_087_075$_{de}$	0.875	0.75	0.125	0.875	0.75	0.5	81	0.875	0.632	0.125	71.1	7.8	57.9	58.5	82.2	0.822	0.603	0.25	82.1	−6.3	82.9	83.1	94.3	30.7	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
623	R81Y_087_062$_{de}$	0.875	0.75	0.25	0.875	0.625	0.562	79	0.875	0.658	0.25	72.6	8.2	47.1	47.8	80.0	0.841	0.613	0.347	81.5	−5.5	79.4	79.6	93.9	36.2	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
624	R76Y_087_050$_{de}$	0.875	0.75	0.375	0.875	0.5	0.625	76	0.875	0.684	0.375	74.1	8.5	36.4	37.4	76.7	0.853	0.629	0.426	81.9	−4.5	61.7	61.9	94.2	29.5	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
625	R68Y_087_037$_{de}$	0.875	0.75	0.5	0.875	0.375	0.687	71	0.875	0.714	0.5	75.9	8.9	26.2	27.7	71.1	0.863	0.657	0.519	81.7	−1.3	41.1	41.1	91.8	19.0	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
626	R50Y_087_025$_{de}$	0.875	0.75	0.625	0.875	0.25	0.75	60	0.875	0.741	0.625	77.5	9.4	15.7	18.3	58.8	0.869	0.701	0.627	80.5	3.3	22.4	22.6	81.5	9.6	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
627	R00Y_087_012$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.779	80.3	8.0	3.8	8.8	25.4	0.877	0.769	0.755	78.7	10.4	1.5	10.5	8.4	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
628	B50R_087_012$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.856	0.75	0.875	79.8	5.6	−3.4	6.5	328.6	0.828	0.764	0.805	81.3	14.7	−11.0	18.4	323.1	12.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
629	B25R_100_025$_{de}$	0.875	0.75	1.0	1.0	0.25	0.875	300	0.914	0.75	1.0	81.8	5.8	−10.1	11.7	300.1	0.822	0.764	0.862	76.9	9.5	−16.2	18.8	300.4	8.6	310	0.658	0.0	1.0	38.4	23.5	−40.4	46.8	300.1
630	Y00G_087_087$_{de}$	0.875	0.875	0.0	0.875	0.875	0.437	90	0.875	0.7	0.0	75.7	−3.0	75.1	75.2	92.3	0.812	0.668	0.152	89.1	−17.5	90.6	92.3	100.9	25.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
631	Y00G_087_075$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.725	0.125	77.2	−2.6	64.4	64.4	92.3	0.829	0.691	0.303	88.7	−17.3	90.2	91.9	100.8	31.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
632	Y00G_087_062$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.75	0.25	78.7	−2.1	53.6	53.7	92.3	0.845	0.707	0.384	88.4	−17.4	89.0	90.7	101.0	39.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
633	Y00G_087_050$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.775	0.375	80.2	−1.7	42.9	42.9	92.3	0.855	0.73	0.473	88.8	−16.9	73.5	75.4	103.0	35.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
634	Y00G_087_037$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.8	0.5	81.7	−1.3	32.2	32.2	92.3	0.865	0.764	0.569	88.7	−14.7	54.1	56.1	105.2	26.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
635	Y00G_087_025$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.825	0.625	83.2	−0.8	21.4	21.4	92.3	0.873	0.801	0.669	88.5	−11.8	37.5	39.3	107.5	20.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
636	Y00G_087_012$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.85	0.75	84.8	−0.4	10.7	10.7	92.3	0.875	0.835	0.77	87.5	−7.1	19.3	20.5	110.2	11.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
637	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	86.3	0.1	−0.2	0.2	313.1	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
638	B00R_100_012$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.924	0.875	1.0	89.0	0.1	−6.2	6.2	271.7	0.889	0.875	0.977	89.9	−2.0	−7.8	8.1	255.2	2.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
639	Y11G_100_100$_{de}$	0.875	1.0	0.0	1.0	1.0	0.5	97	0.999	1.

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
648	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	48.1	63.3	42.5	76.2	33.8	11.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
649	R38Y_100_100$_{de}$	1.0	0.0	0.125	1.0	1.0	0.5	383	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6	1.0	0.004	0.371	48.4	63.4	37.8	73.8	30.8	17.0	368	1.0	0.0	0.369	48.4	65.6	20.9	68.9	17.6
650	R26Y_100_100$_{de}$	1.0	0.0	0.25	1.0	1.0	0.5	376	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8	1.0	0.0	0.501	48.3	64.2	29.8	70.8	24.8	18.3	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
651	R13Y_100_100$_{de}$	1.0	0.0	0.375	1.0	1.0	0.5	368	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9	1.0	0.125	0.691	48.4	65.6	20.4	68.8	17.3	20.2	347	1.0	0.0	0.699	48.3	71.8	1.2	71.8	0.9
652	R00Y_100_100$_{de}$	1.0	0.0	0.5	1.0	1.0	0.5	360	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0	0.997	0.117	0.953	48.3	68.4	11.9	69.5	9.8	22.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
653	B68R_100_100$_{de}$	1.0	0.0	0.625	1.0	1.0	0.5	352	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4	0.873	0.285	0.622	48.3	70.3	5.5	70.5	4.5	18.4	329	0.986	0.0	1.0	49.6	68.7	−12.7	69.9	349.4
654	B61R_100_100$_{de}$	1.0	0.0	0.75	1.0	1.0	0.5	344	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8	0.804	0.299	0.623	48.3	72.7	−1.8	72.7	358.5	21.9	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
655	B55R_100_100$_{de}$	1.0	0.0	0.875	1.0	1.0	0.5	337	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2	0.875	0.25	0.875	48.7	74.0	−7.7	74.4	354.0	27.7	324	0.893	0.0	1.0	46.3	51.5	−23.7	56.7	335.2
656	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	0.775	0.285	0.77	50.1	71.1	−10.5	71.8	351.5	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
657	R11Y_100_100$_{de}$	1.0	0.125	0.0	1.0	1.0	0.5	37	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2	1.0	0.0	0.024	48.8	62.0	44.3	76.2	35.6	3.1	388	1.0	0.0	0.024	48.2	63.3	41.5	75.8	33.2
658	R00Y_100_087$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.332	54.3	56.2	26.7	62.2	25.4	1.0	0.375	0.375	48.4	63.2	39.4	74.5	31.9	15.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
659	R36Y_100_087$_{de}$	1.0	0.125	0.25	1.0	0.875	0.562	382	1.0	0.125	0.464	54.4	57.7	17.1	60.2	16.5	1.0	0.383	0.471	48.4	64.2	31.7	71.6	26.3	17.0	367	1.0	0.0	0.387	48.4	66.0	19.6	68.8	16.5
660	R23Y_100_087$_{de}$	1.0	0.125	0.375	1.0	0.875	0.562	374	1.0	0.125	0.607	54.3	60.6	8.1	61.1	7.6	0.874	0.361	0.495	48.3	66.2	21.4	69.6	17.9	15.6	356	1.0	0.0	0.551	48.3	69.3	9.3	69.9	7.6
661	R08Y_100_087$_{de}$	1.0	0.125	0.5	1.0	0.875	0.562	365	1.0	0.125	0.803	54.4	63.9	−2.6	63.9	357.6	1.0	0.376	0.705	48.5	68.1	12.1	69.1	10.1	16.5	342	1.0	0.0	0.775	48.4	73.0	−3.0	73.0	357.6
662	B70R_100_087$_{de}$	1.0	0.125	0.625	1.0	0.875	0.562	355	1.0	0.125	0.967	55.5	62.9	−8.5	63.5	352.3	0.999	0.379	0.801	48.2	70.3	5.5	70.6	4.4	17.4	331	1.0	0.0	0.963	49.7	71.9	−9.7	72.6	352.3
663	B63R_100_087$_{de}$	1.0	0.125	0.75	1.0	0.875	0.562	346	0.955	0.125	1.0	54.3	54.3	−15.8	56.5	343.7	0.852	0.391	0.679	48.3	72.9	−2.8	73.0	357.8	23.5	327	0.949	0.0	1.0	48.3	62.0	−18.0	64.6	343.7
664	B56R_100_087$_{de}$	1.0	0.125	0.875	1.0	0.875	0.562	338	0.912	0.125	1.0	52.8	46.1	−20.3	50.4	336.1	0.8	0.396	0.696	48.9	74.2	−8.7	74.7	353.2	30.6	324	0.899	0.0	1.0	46.6	52.7	−23.2	57.6	336.1
665	B50R_100_087$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.868	0.125	1.0	51.3	39.4	−24.0	46.1	328.6	0.875	0.375	1.0	50.6	70.8	−10.3	71.6	351.7	34.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
666	R23Y_100_100$_{de}$	1.0	0.25	0.0	1.0	1.0	0.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0	1.0	0.264	0.0	49.9	59.8	50.2	78.1	40.0	1.5	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
667	R13Y_100_087$_{de}$	1.0	0.25	0.125	1.0	0.875	0.562	38	1.0	0.157	0.125	54.3	55.0	37.7	66.7	34.3	0.874	0.37	0.285	49.3	61.2	44.4	75.7	35.9	10.4	31	1.0	0.037	0.0	48.3	62.9	43.0	76.2	34.3
668	R00Y_100_075$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.427	60.3	48.1	22.9	53.3	25.4	0.874	0.432	0.421	49.3	62.7	32.7	70.8	27.5	20.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
669	R35Y_100_075$_{de}$	1.0	0.25	0.375	1.0	0.75	0.625	381	1.0	0.25	0.554	60.4	49.8	13.7	51.7	15.4	1.0	0.464	0.576	48.6	65.8	21.1	69.1	17.7	21.1	366	1.0	0.0	0.406	48.4	66.4	18.3	68.9	15.4
670	R18Y_100_075$_{de}$	1.0	0.25	0.5	1.0	0.75	0.625	371	1.0	0.25	0.722	60.3	52.8	3.9	52.9	4.3	1.0	0.449	0.623	49.3	67.6	9.9	68.3	8.3	19.3	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
671	R00Y_100_075$_{de}$	1.0	0.25	0.625	1.0	0.75	0.625	360	1.0	0.25	0.981	61.5	53.7	−7.4	54.2	352.0	1.0	0.469	0.823	49.4	70.1	1.2	70.1	0.9	22.1	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
672	B65R_100_075$_{de}$	1.0	0.25	0.75	1.0	0.75	0.625	349	0.975	0.25	1.0	60.8	49.1	−11.6	50.4	346.6	0.965	0.475	0.835	50.4	71.1	−6.9	71.4	354.4	24.8	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
673	B57R_100_075$_{de}$	1.0	0.25	0.875	1.0	0.75	0.625	339	0.929	0.25	1.0	59.2	40.4	−17.0	43.9	337.1	0.825	0.47	0.72	51.5	70.6	−10.6	71.4	351.4	31.8	325	0.905	0.0	1.0	46.8	53.9	−22.7	58.5	337.1
674	B50R_100_075$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.6	0.768	0.476	0.718	53.5	66.1	−11.3	67.1	350.2	33.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
675	R36Y_100_100$_{de}$	1.0	0.375	0.0	1.0	1.0	0.5	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9	1.0	0.382	0.0	55.1	49.4	57.2	75.6	49.1	1.1	52	1.0	0.382	0.0	55.6	48.5	57.7	75.4	49.9
676	R26Y_100_087$_{de}$	1.0	0.375	0.125	1.0	0.875	0.562	46	1.0	0.382	0.125	57.3	49.1	46.3	67.5	43.3	0.874	0.408	0.25	53.8	52.3	54.5	75.6	46.1	9.4	46	1.0	0.294	0.0	51.8	56.2	52.9	77.2	43.3
677	R15Y_100_075$_{de}$	1.0	0.375	0.25	1.0	0.75	0.625	39	1.0	0.338	0.25	60.6	46.5	33.2	57.1	35.5	0.874	0.436	0.354	53.5	54.0	40.7	67.6	37.0	12.7	36	1.0	0.117	0.0	48.7	62.0	44.2	76.2	35.5
678	R00Y_100_062$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.523	66.3	40.1	19.1	44.4	25.4	1.0	0.5	0.5	54.0	55.6	25.0	61.0	24.2	20.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
679	R31Y_100_062$_{de}$	1.0	0.375	0.5	1.0	0.625	0.687	379	1.0	0.375	0.652	66.4	42.0	9.8	43.2	13.2	1.0	0.532	0.623	54.0	58.7	12.3	60.0	11.8	20.8	363	1.0	0.0	0.443	48.4	67.3	15.8	69.1	13.2
680	R11Y_100_062$_{de}$	1.0	0.375	0.625	1.0	0.625	0.687	367	1.0	0.375	0.826	66.3	45.1	−0.1	45.1	359.8	1.0	0.539	0.749	54.5	60.8	2.3	60.9	2.2	19.7	345	1.0	0.0	0.722	48.3	72.2	−0.1	72.2	359.8
681	B69R_100_062$_{de}$	1.0	0.375	0.75	1.0	0.625	0.687	353	0.995	0.375	1.0	67.3	43.6	−7.3	44.2	350.4	1.0	0.557	0.83	55.0	63.2	−6.5	63.5	354.0	23.1	329	0.992	0.0	1.0	49.9	69.8	−11.7	70.8	350.4
682	B59R_100_062$_{de}$	1.0	0.375	0.875	1.0	0.625	0.687	341	0.948	0.375	1.0	65.6	35.1	−13.4	37.6	339.0	0.902	0.555	0.805	55.8	63.6	−11.3	64.6	349.9	30.1	325	0.918	0.0	1.0	47.2	56.2	−21.5	60.2	339.0
683	B50R_100_062$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.906	0.375	1.0	64.1	28.1	−17.1	32.9	328.6	0.788	0.547	0.738	57.0	58.5	−12.3	59.7	348.0	31.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
684	R50Y_100_100$_{de}$	1.0	0.5	0.0	1.0	1.0	0.5	60	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8	1.0	0.464	0.0	63.4	33.2	64.3	72.4	62.6	5.4	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
685	R41Y_100_087$_{de}$	1.0	0.5	0.125	1.0	0.875	0.562	55	1.0	0.486	0.125	62.5	39.0	52.3	65.3	53.3	1.0	0.501	0.253	63.3	33.7	62.7	71.2	61.7	11.6	54	1.0	0.413	0.0	57.7	44.5	59.8	74.6	53.3
686	R31Y_100_075$_{de}$	1.0	0.5	0.25	1.0	0.75	0.625	49	1.0	0.505	0.25	64.3	39.3	41.6	57.2	46.6	0.874	0.476	0.326	62.9	35.1	52.5	63.1	56.2	11.7	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
687	R18Y_100_062$_{de}$	1.0	0.5	0.375	1.0	0.625	0.687	41	1.0	0.49	0.375	66.9	38.1	29.5	48.2	37.7	1.0	0.5	0.375	62.6	38.3	33.9	51.2	41.4	6.2	40	1.0	0.184	0.0	49.3	61.0	47.2	77.1	37.7
688	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	63.1	41.5	16.5	44.7	21.7	13.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
689	R26Y_100_050$_{de}$	1.0	0.5	0.625	1.0	0.5	0.75	376	1.0	0.5	0.749	72.3	34.2	5.9	34.7	9.8	1.0	0.623	0.72	63.8	43.6	6.0	44.0	7.8	12.6	360	1.0	0.0	0.499	48.3	68.4	11.9	69.5	9.8
690	R00Y_100_050$_{de}$	1.0	0.5	0.75	1.0	0.5	0.75	360	1.0	0.5	0.987	73.1	35.8	−4.9	36.1	352.0	1.0	0.635	0.826	63.4	47.4	−3.1	47.5	356.2	15.2	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
691	B61R_100_050$_{de}$	1.0	0.5	0.875	1.0	0.5	0.75	344	0.968	0.5	1.0	72.1	29.8	−9.7	31.4	341.8	0.929	0.633	0.812	63.3	50.9	−10.7	52.0	348.0	22.8	326	0.936	0.0	1.0	47.9	59.7	−19.5	62.9	341.8
692	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	0.805	0.613	0.749	63.2	47.8	−12.3	49.4	345.4	26.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
693	R63Y_100_100$_{de}$	1.0	0.625	0.0	1.0	1.0	0.5	68	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8	1.0	0.544	0.0	72.5	16.3	73.1	74.9	77.4	13.8	62	1.0	0.543	0.0	66.6	27.7	67.9	73.3	67.8
694	R58Y_100_087$_{de}$	1.0	0.625	0.125	1.0	0.875	0.562	65	1.0	0.575	0.125	68.5	27.4	57.4	63.6	64.4	0.875	0.5	0.25	72.5	16.4	73.4	75.2	77.4	19.8	60	1.0	0.515	0.0	64.5	31.3	65.6	72.7	64.4
695	R50Y_100_075$_{de}$	1.0	0.625	0.25	1.0	0.75	0.625	60	1.0	0.598	0.25	69.9	28.4	47.1	55.0	58.8	1.0	0.598	0.347	72.9	16.2	64.4	66.4	75.8	21.3	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
696	R38Y_100_062$_{de}$	1.0	0.625	0.375	1.0	0.625	0.687	53	1.0	0.62	0.375	71.3	29.5	36.5	46.9	51.0	0.875	0.5	0.375	73.4	18.0	44.4	48.0	67.9	14.0	52	1.0	0.392	0.0	56.3	47.2	58.5	75.1	51.0
697	R23Y_100_050$_{de}$	1.0	0.625	0.5	1.0	0.5	0.75	44	1.0	0.632	0.5	73.4	29.3	25.5	38.9	41.0	1.0	0.613	0.501	74.5	20.8	24.5	32.1	49.7	8.6	44	1.0	0.264	0.0	50.5	58.6	51.1	77.8	41.0
698	R00Y_100_037$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.713	78.3	24.0	11.4	26.6	25.4	1.0	0.683	0.687	73.6	26.2	11.7	28.7	24.0	5.1	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
699	R18Y_100_037$_{de}$	1.0	0.625	0.75	1.0	0.375	0.812	371	1.0	0.625	0.861	78.3	26.4	1.9	26.4	4.3	1.0	0.701	0.779	72.9	32.4	−1.6	32.5	357.1	8.9	351	1.0	0.0	0.629	48.3	70.4	5.3	70.6	4.3
700	B65R_100_037$_{de}$	1.0	0.625	0.875	1.0	0.375	0.812	349	0.987	0.625	1.0	78.6	24.5	−5.8	25.2	346.6	0.98	0.718	0.846	71.5	38.1	−9.5	39.3	345.9	15.7	328	0.967	0.0	1.0	49.0	65.4	−15.5	67.3	346.6
701	B50R_100_037$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.943	0.625	1.0	77.0	16.8	−10.3	19.7	328.6	0.866	0.708	0.838	68.9	38.6	−11.8	40.4	342.9	23.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
702	R76Y_100_100$_{de}$	1.0	0.75	0.0	1.0	1.0	0.5	76	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7	0.999	0.617	0.126	81.3	1.1	82.3	82.3	89.2	20.7	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
703	R73Y_100_087$_{de}$	1.0	0.75	0.125	1.0	0.875	0.562	74	1.0	0.65	0.125	73.9	17.4	62.7	65.1	74.4	1.0	0.623	0.261	80.5	2.6	79.4	79.5	88.0	23.2	66	1.0	0.6	0.0	70.7	19.9	71.7	74.4	74.4
704	R68Y_100_075$_{de}$	1.0	0.75	0.25	1.0	0.75	0.625	71	1.0	0.678	0.25	75.6	17.9	52.4	55.4	71.1	1.0	0.623	0.346	81.0	2.0	74.3	74.3	88.4	27.5	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
705	R61Y_100_062$_{de}$	1.0	0.75	0.375	1.0	0.625	0.687	67	1.0	0.708	0.375	77.3	18.0	41.9	45.7	66.6	1.0	0.625	0.375	81.0	3.7	58.8	58.9	86.3	22.4	62	1.0	0.534	0.0	65.9	28.9	67.1	73.1	66.6
706	R50Y_100_050$_{de}$	1.0	0.75	0.5	1.0	0.5	0.75	60	1.0	0.732	0.5	78.7	18.9	31.4	36.6	58.8	1.0	0.685	0.521	82.3	4.7	42.3	42.6	83.5	18.2	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
707	R31Y_100_037$_{de}$	1.0	0.75	0.625	1.0	0.375	0.812	49	1.0	0.752	0.625	80.3	19.6	20.8	28.6	46.6	1.0	0.694	0.61	83.4	8.6	22.2	23.8	68.7	11.4	49	1.0	0.34	0.0	53.7	52.4	55.4	76.3	46.6
708	R00Y_100_025$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.809	84.3	16.0	7.6	17.7	25.4	1.0	0.781	0.775	81.4	17.4	5.8	18.4	18.3	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
709	R00Y_100_025$_{de}$	1.0	0.75	0.875	1.0	0.25	0.875	360	1.0	0.75	0.993	84.7	17.9	−2.4	18.0	352.0	1.0	0.803	0.866	80.8	23.8	−7.1	24.8	343.4	8.4	331	1.0	0.0	0.975	49.8	71.7	−9.9	72.3	352.0
710	B50R_100_025$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.962	0.75	1.0	83.5	11.2	−6.8	13.1	328.6	0.92	0.805	0.911	76.9	27.7	−9.1	29.2	341.8	17.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
711	R88Y_100_100$_{de}$	1.0	0.875	0.0	1.0	1.0	0.5	83	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5	1.0	0.698	0.0	88.7	−11.0	90.6	91.3	96.9	24.5	73	1.0	0.7	0.0	77.8	7.5	79.0	79.4	84.5
712	R86Y_100_087$_{de}$	1.0	0.875	0.125	1.0	0.875	0.562	82	1.0	0.727	0.125	79.4	7.9	68.4	68.8	83.4	1.0	0.727	0.268	87.3	−8.5	85.2	85.6	95.7	24.8	72	1.0	0.688	0.0	77.0	9.0	78.1	78.7	83.4
713	R85Y_100_075$_{de}$	1.0	0.875	0.25	1.0	0.75	0.625	81	1.0	0.757	0.25	81.2	7.8	57.9	58.5	82.2	1.0	0.749	0.378	87.3	−7.7	75.1	75.5	95.8	23.9	71	1.0	0.676	0.0	76.1	10.4	77.3	78.0	82.2
714	R81Y_100_062$_{de}$	1.0	0.875	0.375	1.0	0.625	0.687	79	1.0	0.783	0.375	82.7	8.2	47.1	47.8	80.0	1.0	0.749	0.475	87.1	−6.2	64.4	64.8	95.5	23.0	70	1.0	0.653	0.0	74.5	13.2	75.4	76.6	80.0
715	R76Y_100_050$_{de}$	1.0	0.875	0.5	1.0	0.5	0.75	76	1.0	0.809	0.5	84.2	8.5	36.4	37.4	76.7	1.0	0.749	0.547	88.6	−6.6	53.9	54.3	97.0	23.6	67	1.0	0.619	0.0	72.1	17.1	72.8	74.8	76.7
716	R68Y_100_037$_{de}$	1.0	0.875	0.625	1.0	0.375	0.812	71	1.0	0.839	0.625	86.0	8.9	26.2	27.7	71.1	1.0	0.749	0.608	89.0	−4.0	39.4	39.6	95.8	18.7	64	1.0	0.571	0.0	68.6	23.8	69.9	73.9	71.1
717	R50Y_100_025$_{de}$	1.0	0.875	0.75	1.0	0.25	0.875	60	1.0	0.866	0.75	87.5	9.4	15.7	18.3	58.8	1.0	0.815	0.744	90.9	−1.3	21.3	21.3	93.6	12.6	57	1.0	0.464	0.0	61.1	37.8	62.8	73.3	58.8
718	R00Y_100_012$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.904	90.3	8.0	3.8	8.8	25.4	1.0	0.874	0.857	89.3	9.2	0.4	9.2	2.7	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
719	B50R_100_012$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.981	0.875	1.0	89.9	5.6	−3.4	6.5	328.6	0.959	0.911	0.982	86.7	15.2	−6.0	16.3	338.4	10.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
720	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
729	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	96.5	0.0	−0.4	0.4	273.1	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
730	G50B_100_012$_{de}$	0.875	1.0	1.0	1.0	0.125	0.937	210	0.875	0.992	1.0	91.2	−4.8	−3.6	6.0	216.9	0.872	0.959	0.99	91.7	−6.0	−3.8	7.1	212.2	1.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
731	G50B_100_025$_{de}$	0.75	1.0	1.0	1.0	0.25	0.875	210	0.75	0.985	1.0	86.1	−9.7	−7.3	12.1	216.9	0.755	0.859	0.927	85.5	−12.1	−7.0	13.9	210.0	2.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
732	G50B_100_037$_{de}$	0.625	1.0	1.0	1.0	0.375	0.812	210	0.625	0.977	1.0	80.9	−14.5	−10.9	18.2	216.9	0.64	0.833	0.897	80.3	−16.7	−10.0	19.5	210.9	2.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
733	G50B_100_050$_{de}$	0.5	1.0	1.0	1.0	0.5	0.75	210	0.5	0.97	1.0	75.8	−19.4	−14.6	24.2	216.9	0.532	0.809	0.868	73.5	−22.1	−15.2	26.8	214.4	3.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
734	G50B_100_062$_{de}$	0.375	1.0	1.0	1.0	0.625	0.687	210	0.375	0.963	1.0	70.7	−24.2	−18.2	30.3	216.9	0.416	0.919	0.974	67.5	−28.0	−16.7	32.6	210.9	5.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
735	G50B_100_075$_{de}$	0.25	1.0	1.0	1.0	0.75	0.625	210	0.25	0.955	1.0	65.5	−29.1	−21.9	36.4	216.9	0.314	0.749	0.854	61.4	−34.3	−19.4	39.4	209.5	7.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
736	G50B_100_087$_{de}$	0.125	1.0	1.0	1.0	0.875	0.562	210	0.125	0.948	1.0	60.4	−33.9	−25.5	42.5	216.9	0.227	0.749	0.871	58.3	−37.4	−21.5	43.2	209.8	5.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
737	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.169	0.623	0.749	56.2	−39.4	−23.0	45.7	210.3	6.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
738	R00Y_100_012$_{de}$	1.0	0.875	0.875	1.0	0.125	0.937	390	1.0	0.875	0.904	90.3	8.0	3.8	8.8	25.4	1.0	0.874	0.857	89.8	8.7	0.0	8.7	359.3	4.0	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
739	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	86.6	0.2	−0.4	0.5	298.6	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
740	G50B_087_012$_{de}$	0.75	0.875	0.875	0.875	0.125	0.812	210	0.75	0.867	0.875	81.1	−4.8	−3.6	6.0	216.9	0.755	0.789	0.819	87.1	−11.9	−2.3	12.1	190.9	9.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
741	G50B_087_025$_{de}$	0.625	0.875	0.875	0.875	0.25	0.75	210	0.625	0.86	0.875	76.0	−9.7	−7.3	12.1	216.9	0.635	0.731	0.778	80.9	−17.8	−5.3	18.6	196.7	9.6	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
742	G50B_087_037$_{de}$	0.5	0.875	0.875	0.875	0.375	0.687	210	0.5	0.852	0.875	70.9	−14.5	−10.9	18.2	216.9	0.5	1.0	1.0	74.2	−23.7	−9.9	25.7	202.7	9.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
743	G50B_087_050$_{de}$	0.375	0.875	0.875	0.875	0.5	0.625	210	0.375	0.845	0.875	65.7	−19.4	−14.6	24.2	216.9	0.5	1.0	1.0	69.9	−28.1	−9.3	29.6	198.3	11.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
744	G50B_087_062$_{de}$	0.25	0.875	0.875	0.875	0.625	0.562	210	0.25	0.838	0.875	60.6	−24.2	−18.2	30.3	216.9	0.314	0.631	0.708	63.4	−35.1	−12.7	37.4	199.8	12.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
745	G50B_087_075$_{de}$	0.125	0.875	0.875	0.875	0.75	0.5	210	0.125	0.83	0.875	55.5	−29.1	−21.9	36.4	216.9	0.228	0.583	0.674	58.2	−41.2	−15.5	44.1	200.6	13.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
746	G50B_087_087$_{de}$	0.0	0.875	0.875	0.875	0.875	0.437	210	0.0	0.823	0.875	50.3	−33.9	−25.5	42.5	216.9	0.158	0.52	0.604	55.9	−42.6	−18.8	46.6	203.8	12.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
747	R00Y_100_025$_{de}$	1.0	0.75	0.75	1.0	0.25	0.875	390	1.0	0.75	0.809	84.3	16.0	7.6	17.7	25.4	1.0	0.781	0.775	82.2	16.9	3.5	17.3	11.8	4.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
748	R00Y_087_012$_{de}$	0.875	0.75	0.75	0.875	0.125	0.812	390	0.875	0.75	0.779	80.3	8.0	3.8	8.8	25.4	0.877	0.769	0.755	80.1	9.6	1.3	9.7	8.1	2.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
749	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	74.9	0.1	−0.6	0.7	283.4	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
750	G50B_075_012$_{de}$	0.625	0.75	0.75	0.75	0.125	0.687	210	0.625	0.742	0.75	71.1	−4.8	−3.6	6.0	216.9	0.634	0.674	0.697	75.9	−12.0	−3.4	12.5	196.0	8.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
751	G50B_075_025$_{de}$	0.5	0.75	0.75	0.75	0.25	0.625	210	0.5	0.735	0.75	65.9	−9.7	−7.3	12.1	216.9	0.532	0.628	0.661	73.7	−21.2	−5.9	22.1	195.5	14.0	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
752	G50B_075_037$_{de}$	0.375	0.75	0.75	0.75	0.375	0.562	210	0.375	0.727	0.75	60.8	−14.5	−10.9	18.2	216.9	0.426	0.576	0.625	69.6	−28.2	−6.5	29.0	193.0	16.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
753	G50B_075_050$_{de}$	0.25	0.75	0.75	0.75	0.5	0.5	210	0.25	0.72	0.75	55.7	−19.4	−14.6	24.2	216.9	0.328	0.542	0.599	63.2	−37.4	−8.5	38.3	192.8	20.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
754	G50B_075_062$_{de}$	0.125	0.75	0.75	0.75	0.625	0.437	210	0.125	0.713	0.75	50.5	−24.2	−18.2	30.3	216.9	0.243	0.515	0.575	57.6	−44.4	−11.7	46.0	194.8	22.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
755	G50B_075_075$_{de}$	0.0	0.75	0.75	0.75	0.75	0.375	210	0.0	0.705	0.75	45.4	−29.1	−21.9	36.4	216.9	0.169	0.437	0.512	54.2	−47.8	−15.1	50.1	197.5	21.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
756	R00Y_100_037$_{de}$	1.0	0.625	0.625	1.0	0.375	0.812	390	1.0	0.625	0.713	78.3	24.0	11.4	26.6	25.4	1.0	0.683	0.687	74.7	25.4	8.6	26.8	18.6	4.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
757	R00Y_087_025$_{de}$	0.875	0.625	0.625	0.875	0.25	0.75	390	0.875	0.625	0.684	74.2	16.0	7.6	17.7	25.4	0.861	0.654	0.639	74.7	18.8	5.1	19.5	15.2	3.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
758	R00Y_075_012$_{de}$	0.75	0.625	0.625	0.75	0.125	0.687	390	0.75	0.625	0.654	70.2	8.0	3.8	8.8	25.4	0.764	0.653	0.64	68.3	10.0	0.4	10.0	2.7	4.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
759	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	61.3	0.1	−1.2	1.2	275.3	4.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
760	G50B_062_012$_{de}$	0.5	0.625	0.625	0.625	0.125	0.562	210	0.5	0.617	0.625	61.0	−4.8	−3.6	6.0	216.9	0.535	0.565	0.578	64.6	−12.9	−3.8	13.5	196.5	8.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
761	G50B_062_025$_{de}$	0.375	0.625	0.625	0.625	0.25	0.5	210	0.375	0.61	0.625	55.8	−9.7	−7.3	12.1	216.9	0.439	0.527	0.553	63.0	−23.8	−5.3	24.4	192.6	15.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
762	G50B_062_037$_{de}$	0.25	0.625	0.625	0.625	0.375	0.437	210	0.25	0.602	0.625	50.7	−14.5	−10.9	18.2	216.9	0.34	0.479	0.514	60.7	−36.3	−7.2	37.0	191.3	24.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
763	G50B_062_050$_{de}$	0.125	0.625	0.625	0.625	0.5	0.375	210	0.125	0.595	0.625	45.6	−19.4	−14.6	24.2	216.9	0.251	0.437	0.483	54.1	−51.5	−10.8	52.7	191.8	33.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
764	G50B_062_062$_{de}$	0.0	0.625	0.625	0.625	0.625	0.312	210	0.0	0.588	0.625	40.4	−24.2	−18.2	30.3	216.9	0.17	0.384	0.442	50.5	−55.9	−13.6	57.5	193.7	33.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
765	R00Y_100_050$_{de}$	1.0	0.5	0.5	1.0	0.5	0.75	390	1.0	0.5	0.618	72.3	32.1	15.3	35.5	25.4	1.0	0.602	0.61	63.7	40.7	14.0	43.1	19.0	12.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
766	R00Y_087_037$_{de}$	0.875	0.5	0.5	0.875	0.375	0.687	390	0.875	0.5	0.588	68.2	24.0	11.4	26.6	25.4	0.851	0.556	0.542	66.2	31.7	10.9	33.5	18.9	7.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
767	R00Y_075_025$_{de}$	0.75	0.5	0.5	0.75	0.25	0.625	390	0.75	0.5	0.559	64.2	16.0	7.6	17.7	25.4	0.75	0.542	0.527	62.6	19.6	4.1	20.0	11.9	5.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
768	R00Y_062_012$_{de}$	0.625	0.5	0.5	0.625	0.125	0.562	390	0.625	0.5	0.529	60.1	8.0	3.8	8.8	25.4	0.642	0.527	0.51	55.5	10.1	0.0	10.1	359.8	6.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
769	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	49.4	0.0	−1.2	1.2	270.2	6.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
770	G50B_050_012$_{de}$	0.375	0.5	0.5	0.5	0.125	0.437	210	0.375	0.492	0.5	50.9	−4.8	−3.6	6.0	216.9	0.439	0.474	0.481	51.5	−13.3	−6.3	14.8	205.4	8.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
771	G50B_050_025$_{de}$	0.25	0.5	0.5	0.5	0.25	0.375	210	0.249	0.485	0.5	45.8	−9.7	−7.3	12.1	216.9	0.347	0.423	0.445	51.0	−25.5	−7.7	26.7	196.8	16.7	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
772	G50B_050_037$_{de}$	0.125	0.5	0.5	0.5	0.375	0.312	210	0.124	0.477	0.5	40.6	−14.5	−10.9	18.2	216.9	0.263	0.393	0.424	49.2	−52.7	−10.0	53.6	190.7	39.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
773	G50B_050_050$_{de}$	0.0	0.5	0.5	0.5	0.5	0.25	210	0.0	0.47	0.5	35.5	−19.4	−14.6	24.2	216.9	0.176	0.321	0.369	48.5	−58.4	−9.0	59.1	188.8	41.4	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
774	R00Y_100_062$_{de}$	1.0	0.375	0.375	1.0	0.625	0.687	390	1.0	0.375	0.523	66.3	40.1	19.1	44.4	25.4	1.0	0.5	0.5	54.7	54.3	22.9	58.9	22.8	18.6	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
775	R00Y_087_050$_{de}$	0.875	0.375	0.375	0.875	0.5	0.625	390	0.875	0.375	0.493	62.2	32.1	15.3	35.5	25.4	0.836	0.474	0.459	55.1	51.4	21.6	55.7	22.8	21.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
776	R00Y_075_037$_{de}$	0.75	0.375	0.375	0.75	0.375	0.562	390	0.75	0.375	0.463	58.2	24.0	11.4	26.6	25.4	0.734	0.45	0.43	54.0	34.9	12.8	37.2	20.1	11.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
777	R00Y_062_025$_{de}$	0.625	0.375	0.375	0.625	0.25	0.5	390	0.625	0.375	0.434	54.1	16.0	7.6	17.7	25.4	0.63	0.43	0.409	48.3	21.6	5.4	22.3	14.0	8.3	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
778	R00Y_050_012$_{de}$	0.5	0.375	0.375	0.5	0.125	0.437	390	0.5	0.375	0.404	50.0	8.0	3.8	8.8	25.4	0.534	0.423	0.407	43.5	10.8	0.7	10.9	4.0	7.7	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
779	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	37.2	0.0	−1.4	1.4	271.2	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
780	G50B_037_012$_{de}$	0.25	0.375	0.375	0.375	0.125	0.312	210	0.249	0.367	0.375	40.8	−4.8	−3.6	6.0	216.9	0.357	0.393	0.4	39.0	−14.7	−6.4	16.0	203.5	10.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
781	G50B_037_025$_{de}$	0.125	0.375	0.375	0.375	0.25	0.25	210	0.124	0.36	0.375	35.7	−9.7	−7.3	12.1	216.9	0.268	0.338	0.353	40.1	−35.8	−8.9	36.9	193.9	26.5	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
782	G50B_037_037$_{de}$	0.0	0.375	0.375	0.375	0.375	0.187	210	0.0	0.352	0.375	30.6	−14.5	−10.9	18.2	216.9	0.169	0.27	0.302	40.1	−48.1	−7.1	48.6	188.4	35.1	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
783	R00Y_100_075$_{de}$	1.0	0.25	0.25	1.0	0.75	0.625	390	1.0	0.25	0.427	60.3	48.1	22.9	53.3	25.4	0.874	0.432	0.421	49.4	62.4	31.2	69.8	26.5	19.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
784	R00Y_087_062$_{de}$	0.875	0.25	0.25	0.875	0.625	0.562	390	0.875	0.25	0.398	56.2	40.1	19.1	44.4	25.4	0.814	0.401	0.385	46.9	60.1	29.9	67.1	26.4	24.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
785	R00Y_075_050$_{de}$	0.75	0.25	0.25	0.75	0.5	0.5	390	0.75	0.25	0.368	52.2	32.1	15.3	35.5	25.4	0.719	0.368	0.352	41.0	53.6	24.1	58.8	24.2	25.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
786	R00Y_062_037$_{de}$	0.625	0.25	0.25	0.625	0.375	0.437	390	0.625	0.25	0.338	48.1	24.0	11.4	26.6	25.4	0.621	0.349	0.327	38.0	39.2	16.4	42.5	22.7	18.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
787	R00Y_050_025$_{de}$	0.5	0.25	0.25	0.5	0.25	0.375	390	0.5	0.249	0.309	44.0	16.0	7.6	17.7	25.4	0.521	0.335	0.315	34.8	23.5	7.3	24.6	17.2	11.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
788	R00Y_037_012$_{de}$	0.375	0.25	0.25	0.375	0.125	0.312	390	0.375	0.249	0.279	40.0	8.0	3.8	8.8	25.4	0.43	0.328	0.311	31.2	11.6	0.9	11.7	4.5	9.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
789	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	26.9	0.0	−0.9	0.9	268.1	9.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
790	G50B_025_012$_{de}$	0.125	0.25	0.25	0.25	0.125	0.187	210	0.124	0.242	0.25	30.8	−4.8	−3.6	6.0	216.9	0.262	0.285	0.289	31.0	−20.4	−6.8	21.5	198.6	15.9	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
791	G50B_025_025$_{de}$	0.0	0.25	0.25	0.25	0.25	0.125	210	0.0	0.235	0.25	25.6	−9.7	−7.3	12.1	216.9	0.153	0.201	0.218	28.2	−32.8	−6.9	33.5	191.9	23.3	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
792	R00Y_100_087$_{de}$	1.0	0.125	0.125	1.0	0.875	0.562	390	1.0	0.125	0.332	54.3	56.2	26.7	62.2	25.4	1.0	0.375	0.375	48.3	63.1	39.6	74.6	32.1	15.8	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
793	R00Y_087_075$_{de}$	0.875	0.125	0.125	0.875	0.75	0.5	390	0.875	0.125	0.302	50.2	48.1	22.9	53.3	25.4	0.804	0.328	0.324	42.6	55.7	32.5	64.5	30.2	14.4	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
794	R00Y_075_062$_{de}$	0.75	0.125	0.125	0.75	0.625	0.437	390	0.75	0.125	0.273	46.1	40.1	19.1	44.4	25.4	0.707	0.306	0.294	37.6	49.0	28.0	56.4	29.7	15.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
795	R00Y_062_050$_{de}$	0.625	0.125	0.125	0.625	0.5	0.375	390	0.625	0.125	0.243	42.1	32.1	15.3	35.5	25.4	0.606	0.282	0.262	33.1	43.3	24.2	49.7	29.2	16.9	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
796	R00Y_050_037$_{de}$	0.5	0.125	0.125	0.5	0.375	0.312	390	0.5	0.124	0.213	38.0	24.0	11.4	26.6	25.4	0.515	0.251	0.233	28.8	37.5	17.2	41.3	24.6	17.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
797	R00Y_037_025$_{de}$	0.375	0.125	0.125	0.375	0.25	0.25	390	0.375	0.124	0.184	33.9	16.0	7.6	17.7	25.4	0.415	0.234	0.217	24.9	26.1	8.6	27.5	18.2	13.5	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
798	R00Y_025_012$_{de}$	0.25	0.125	0.125	0.25	0.125	0.187	390	0.25	0.124	0.154	29.9	8.0	3.8	8.8	25.4	0.332	0.237	0.221	21.6	11.8	1.9	11.9	9.1	9.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
799	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	18.2	0.0	−0.2	0.2	267.5	7.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
800	G50B_012_012$_{de}$	0.0	0.125	0.125	0.125	0.125	0.062	210	0.0	0.117	0.125	20.7	−4.8	−3.6	6.0	216.9	0.126	0.147	0.155	19.0	−14.9	−4.3	15.5	196.1	10.2	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
801	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115

n	**HIC*$_{Fde}$**	***rgb*$_{Fde}$**			***ict*$_{Fde}$**			h_{si_Fde}	***rgb**$_{Fde}$*			***LabCh**$_{Fde}$*					***rgb'**$_{Fde}$*			***LabCh'**$_{Fde}$*						***DE'**$_{Fde}$*	$h_{siM,de}$	***rgb**$_{Mde}$*			***LabCh**$_{Mde}$*				
810	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.5	0.5	276.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
811	B00R_100_012$_{de}$	0.875	0.875	1.0	1.0	0.125	0.937	270	0.924	0.875	1.0	89.0	0.1	−6.2	6.2	271.7	0.889	0.875	0.977	89.3	−1.8	−8.7	8.9	257.9	3.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
812	B00R_100_025$_{de}$	0.75	0.75	1.0	1.0	0.25	0.875	270	0.849	0.75	1.0	81.8	0.3	−12.4	12.4	271.7	0.775	0.758	0.863	77.7	−6.0	−21.0	21.8	254.0	11.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
813	B00R_100_037$_{de}$	0.625	0.625	1.0	1.0	0.375	0.812	270	0.773	0.625	1.0	74.5	0.5	−18.6	18.7	271.7	0.711	0.69	0.852	66.9	−7.6	−30.9	31.8	256.0	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
814	B00R_100_050$_{de}$	0.5	0.5	1.0	1.0	0.5	0.75	270	0.698	0.5	1.0	67.2	0.7	−24.9	24.9	271.7	0.636	0.606	0.829	54.8	−8.6	−40.9	41.8	258.0	22.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
815	B00R_100_062$_{de}$	0.375	0.375	1.0	1.0	0.625	0.687	270	0.623	0.375	1.0	59.9	0.9	−31.1	31.1	271.7	0.552	0.53	0.787	45.9	−9.2	−48.1	49.0	259.1	24.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
816	B00R_100_075$_{de}$	0.25	0.25	1.0	1.0	0.75	0.625	270	0.547	0.25	1.0	52.6	1.1	−37.3	37.4	271.7	0.457	0.445	0.749	42.1	−7.5	−50.2	50.7	261.4	18.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
817	B00R_100_087$_{de}$	0.125	0.125	1.0	1.0	0.875	0.562	270	0.472	0.125	1.0	45.3	1.3	−43.6	43.6	271.7	0.401	0.347	0.729	40.8	−5.6	−50.4	50.7	263.5	10.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
818	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.401	0.0	1.0	39.4	−5.6	−48.5	48.8	263.3	7.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
819	Y00G_100_012$_{de}$	1.0	1.0	0.875	1.0	0.125	0.937	90	1.0	0.975	0.875	94.8	−0.4	10.7	10.7	92.3	1.0	0.975	0.929	95.7	−6.9	18.8	20.1	110.1	10.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
820	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	88.1	0.1	0.0	0.1	324.7	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
821	B00R_087_012$_{de}$	0.75	0.75	0.875	0.875	0.125	0.812	270	0.799	0.75	0.875	79.0	0.1	−6.2	6.2	271.7	0.772	0.76	0.813	82.2	−1.5	−15.5	15.6	264.2	10.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
822	B00R_087_025$_{de}$	0.625	0.625	0.875	0.875	0.25	0.75	270	0.724	0.625	0.875	71.7	0.3	−12.4	12.4	271.7	0.667	0.667	0.762	68.5	−4.3	−28.0	28.4	261.1	16.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
823	B00R_087_037$_{de}$	0.5	0.5	0.875	0.875	0.375	0.687	270	0.648	0.5	0.875	64.4	0.5	−18.6	18.7	271.7	0.583	0.583	0.716	55.7	−4.4	−38.6	38.8	263.4	22.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
824	B00R_087_050$_{de}$	0.375	0.375	0.875	0.875	0.5	0.625	270	0.573	0.375	0.875	57.1	0.7	−24.9	24.9	271.7	0.511	0.498	0.665	45.4	−6.0	−46.9	47.2	262.6	25.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
825	B00R_087_062$_{de}$	0.25	0.25	0.875	0.875	0.625	0.562	270	0.498	0.25	0.875	49.8	0.9	−31.1	31.1	271.7	0.412	0.409	0.615	41.4	−6.0	−50.1	50.4	263.1	21.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
826	B00R_087_075$_{de}$	0.125	0.125	0.875	0.875	0.75	0.5	270	0.422	0.125	0.875	42.5	1.1	−37.3	37.4	271.7	0.316	0.307	0.565	39.8	−5.4	−49.1	49.4	263.6	13.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
827	B00R_087_087$_{de}$	0.0	0.0	0.875	0.875	0.875	0.437	270	0.347	0.0	0.875	35.2	1.3	−43.6	43.6	271.7	0.187	0.167	0.492	36.7	−4.7	−46.1	46.3	264.1	6.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
828	Y00G_100_025$_{de}$	1.0	1.0	0.75	1.0	0.25	0.875	90	1.0	0.95	0.75	93.3	−0.8	21.4	21.4	92.3	1.0	0.928	0.807	95.1	−10.9	33.8	35.5	107.9	16.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
829	Y00G_087_012$_{de}$	0.875	0.875	0.75	0.875	0.125	0.812	90	0.875	0.85	0.75	84.8	−0.4	10.7	10.7	92.3	0.875	0.835	0.77	89.0	−6.5	17.5	18.7	110.5	10.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
830	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	76.0	0.1	−0.5	0.6	286.7	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
831	B00R_075_012$_{de}$	0.625	0.625	0.75	0.75	0.125	0.687	270	0.674	0.625	0.75	68.9	0.1	−6.2	6.2	271.7	0.652	0.647	0.691	69.8	0.3	−17.2	17.2	271.2	11.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
832	B00R_075_025$_{de}$	0.5	0.5	0.75	0.75	0.25	0.625	270	0.599	0.5	0.75	61.6	0.3	−12.4	12.4	271.7	0.564	0.561	0.642	57.8	−1.1	−34.1	34.1	268.1	22.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
833	B00R_075_037$_{de}$	0.375	0.375	0.75	0.75	0.375	0.562	270	0.523	0.375	0.75	54.3	0.5	−18.6	18.7	271.7	0.488	0.482	0.597	46.2	−3.9	−45.5	45.7	265.0	28.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
834	B00R_075_050$_{de}$	0.25	0.25	0.75	0.75	0.5	0.5	270	0.448	0.25	0.75	47.0	0.7	−24.9	24.9	271.7	0.391	0.379	0.538	40.7	−4.5	−49.7	49.9	264.7	26.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
835	B00R_075_062$_{de}$	0.125	0.125	0.75	0.75	0.625	0.437	270	0.373	0.125	0.75	39.7	0.9	−31.1	31.1	271.7	0.293	0.285	0.476	38.1	−4.3	−47.5	47.7	264.7	17.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
836	B00R_075_075$_{de}$	0.0	0.0	0.75	0.75	0.75	0.375	270	0.297	0.0	0.75	32.4	1.1	−37.3	37.4	271.7	0.178	0.165	0.407	33.9	−4.5	−42.7	42.9	263.8	7.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
837	Y00G_100_037$_{de}$	1.0	1.0	0.625	1.0	0.375	0.812	90	1.0	0.925	0.625	91.8	−1.3	32.2	32.2	92.3	1.0	0.891	0.696	94.6	−13.5	46.1	48.0	106.3	18.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
838	Y00G_087_025$_{de}$	0.875	0.875	0.625	0.875	0.25	0.75	90	0.875	0.825	0.625	83.2	−0.8	21.4	21.4	92.3	0.873	0.801	0.669	89.4	−11.5	35.8	37.6	107.9	18.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
839	Y00G_075_012$_{de}$	0.75	0.75	0.625	0.75	0.125	0.687	90	0.75	0.725	0.625	74.7	−0.4	10.7	10.7	92.3	0.77	0.727	0.663	78.2	−6.9	17.1	18.4	111.9	9.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
840	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	64.0	0.1	−1.2	1.2	276.5	2.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
841	B00R_062_012$_{de}$	0.5	0.5	0.625	0.625	0.125	0.562	270	0.549	0.5	0.625	58.8	0.1	−6.2	6.2	271.7	0.55	0.536	0.571	56.4	−0.6	−20.4	20.4	268.2	14.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
842	B00R_062_025$_{de}$	0.375	0.375	0.625	0.625	0.25	0.5	270	0.474	0.375	0.625	51.5	0.3	−12.4	12.4	271.7	0.467	0.468	0.541	47.4	−0.3	−37.0	37.0	269.4	24.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
843	B00R_062_037$_{de}$	0.25	0.25	0.625	0.625	0.375	0.437	270	0.398	0.25	0.625	44.2	0.5	−18.6	18.7	271.7	0.376	0.365	0.479	39.8	−2.6	−49.2	49.3	266.8	31.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
844	B00R_062_050$_{de}$	0.125	0.125	0.625	0.625	0.5	0.375	270	0.323	0.125	0.625	36.9	0.7	−24.9	24.9	271.7	0.29	0.278	0.424	35.9	−3.3	−46.3	46.5	265.8	21.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
845	B00R_062_062$_{de}$	0.0	0.0	0.625	0.625	0.625	0.312	270	0.248	0.0	0.625	29.7	0.9	−31.1	31.1	271.7	0.174	0.16	0.345	30.2	−3.1	−39.2	39.3	265.3	9.0	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
846	Y00G_100_050$_{de}$	1.0	1.0	0.5	1.0	0.5	0.75	90	1.0	0.9	0.5	90.3	−1.7	42.9	42.9	92.3	1.0	0.89	0.62	94.1	−15.3	58.1	60.1	104.7	20.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
847	Y00G_087_037$_{de}$	0.875	0.875	0.5	0.875	0.375	0.687	90	0.875	0.8	0.5	81.7	−1.3	32.2	32.2	92.3	0.865	0.764	0.569	89.5	−14.6	53.2	55.2	105.3	26.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
848	Y00G_075_025$_{de}$	0.75	0.75	0.5	0.75	0.25	0.625	90	0.75	0.7	0.5	73.2	−0.8	21.4	21.4	92.3	0.759	0.681	0.553	80.4	−12.2	36.2	38.2	108.6	20.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
849	Y00G_062_012$_{de}$	0.625	0.625	0.5	0.625	0.125	0.562	90	0.625	0.6	0.5	64.6	−0.4	10.7	10.7	92.3	0.638	0.591	0.523	67.5	−6.9	16.8	18.2	112.2	9.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
850	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	50.6	0.1	−1.2	1.2	274.4	5.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
851	B00R_050_012$_{de}$	0.375	0.375	0.5	0.5	0.125	0.437	270	0.424	0.375	0.5	48.7	0.1	−6.2	6.2	271.7	0.445	0.434	0.466	46.0	−1.0	−20.7	20.8	267.0	14.8	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
852	B00R_050_025$_{de}$	0.25	0.25	0.5	0.5	0.25	0.375	270	0.349	0.249	0.5	41.5	0.3	−12.4	12.4	271.7	0.372	0.366	0.439	40.3	−1.6	−39.8	39.8	267.6	27.4	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
853	B00R_050_037$_{de}$	0.125	0.125	0.5	0.5	0.375	0.312	270	0.273	0.124	0.5	34.2	0.5	−18.6	18.7	271.7	0.286	0.271	0.372	33.9	−1.6	−45.1	45.1	267.9	26.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
854	B00R_050_050$_{de}$	0.0	0.0	0.5	0.5	0.5	0.25	270	0.198	0.0	0.5	26.9	0.7	−24.9	24.9	271.7	0.171	0.155	0.295	26.6	−1.5	−35.8	35.8	267.5	11.1	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
855	Y00G_100_062$_{de}$	1.0	1.0	0.375	1.0	0.625	0.687	90	1.0	0.875	0.375	88.8	−2.1	53.6	53.7	92.3	1.0	0.874	0.507	93.2	−16.4	71.0	72.9	103.0	22.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
856	Y00G_087_050$_{de}$	0.875	0.875	0.375	0.875	0.5	0.625	90	0.875	0.775	0.375	80.2	−1.7	42.9	42.9	92.3	0.855	0.73	0.473	89.3	−16.8	73.6	75.5	102.9	35.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
857	Y00G_075_037$_{de}$	0.75	0.75	0.375	0.75	0.375	0.562	90	0.75	0.675	0.375	71.7	−1.3	32.2	32.2	92.3	0.75	0.644	0.454	80.8	−15.4	57.1	59.2	105.1	30.1	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
858	Y00G_062_025$_{de}$	0.625	0.625	0.375	0.625	0.25	0.5	90	0.625	0.575	0.375	63.1	−0.8	21.4	21.4	92.3	0.632	0.556	0.421	68.6	−12.0	36.1	38.0	108.3	19.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
859	Y00G_050_012$_{de}$	0.5	0.5	0.375	0.5	0.125	0.437	90	0.5	0.475	0.375	54.5	−0.4	10.7	10.7	92.3	0.545	0.497	0.421	53.6	−7.0	15.9	17.4	113.9	8.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
860	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	36.5	0.0	−1.1	1.1	270.5	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
861	B00R_037_012$_{de}$	0.25	0.25	0.375	0.375	0.125	0.312	270	0.299	0.249	0.375	38.7	0.1	−6.2	6.2	271.7	0.368	0.366	0.398	35.3	−1.7	−23.0	23.1	265.6	17.2	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
862	B00R_037_025$_{de}$	0.125	0.125	0.375	0.375	0.25	0.25	270	0.224	0.124	0.375	31.4	0.3	−12.4	12.4	271.7	0.278	0.262	0.328	30.9	−2.3	−39.6	39.7	266.6	27.3	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
863	B00R_037_037$_{de}$	0.0	0.0	0.375	0.375	0.375	0.187	270	0.148	0.0	0.375	24.1	0.5	−18.6	18.7	271.7	0.166	0.147	0.243	21.7	−0.9	−26.7	26.8	267.9	8.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
864	Y00G_100_075$_{de}$	1.0	1.0	0.25	1.0	0.75	0.625	90	1.0	0.85	0.25	87.3	−2.6	64.4	64.4	92.3	1.0	0.875	0.375	93.3	−17.4	82.2	84.0	101.9	23.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
865	Y00G_087_062$_{de}$	0.875	0.875	0.25	0.875	0.625	0.562	90	0.875	0.75	0.25	78.7	−2.1	53.6	53.7	92.3	0.845	0.707	0.384	88.9	−17.5	90.0	91.7	101.0	40.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
866	Y00G_075_050$_{de}$	0.75	0.75	0.25	0.75	0.5	0.5	90	0.75	0.65	0.25	70.2	−1.7	42.9	42.9	92.3	0.739	0.616	0.36	80.3	−16.5	78.4	80.1	101.8	39.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
867	Y00G_062_037$_{de}$	0.625	0.625	0.25	0.625	0.375	0.437	90	0.625	0.55	0.25	61.6	−1.3	32.2	32.2	92.3	0.629	0.531	0.333	68.0	−14.7	58.9	60.7	104.0	30.6	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
868	Y00G_050_025$_{de}$	0.5	0.5	0.25	0.5	0.25	0.375	90	0.5	0.45	0.249	53.0	−0.8	21.4	21.4	92.3	0.534	0.46	0.327	54.0	−11.8	38.6	40.4	107.0	20.4	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
869	Y00G_037_012$_{de}$	0.375	0.375	0.25	0.375	0.125	0.312	90	0.375	0.35	0.249	44.5	−0.4	10.7	10.7	92.3	0.44	0.395	0.323	39.2	−6.0	15.5	16.6	111.4	9.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
870	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	25.7	0.0	−0.8	0.8	273.4	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
871	B00R_025_012$_{de}$	0.125	0.125	0.25	0.25	0.125	0.187	270	0.174	0.124	0.25	28.6	0.1	−6.2	6.2	271.7	0.271	0.258	0.288	25.6	−2.2	−25.7	25.8	264.9	19.9	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
872	B00R_025_025$_{de}$	0.0	0.0	0.25	0.25	0.25	0.125	270	0.099	0.0	0.25	21.3	0.3	−12.4	12.4	271.7	0.147	0.13	0.194	21.1	−3.1	−9.5	10.0	252.0	4.5	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
873	Y00G_100_087$_{de}$	1.0	1.0	0.125	1.0	0.875	0.562	90	1.0	0.825	0.125	85.8	−3.0	75.1	75.2	92.3	1.0	0.851	0.25	92.9	−17.7	92.5	94.2	100.8	23.8	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
874	Y00G_087_075$_{de}$	0.875	0.875	0.125	0.875	0.75	0.5	90	0.875	0.725	0.125	77.2	−2.6	64.4	64.4	92.3	0.829	0.691	0.303	88.9	−17.3	90.6	92.2	100.8	32.2	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
875	Y00G_075_062$_{de}$	0.75	0.75	0.125	0.75	0.625	0.437	90	0.75	0.625	0.125	68.6	−2.1	53.6	53.7	92.3	0.719	0.595	0.282	80.1	−16.6	81.0	82.7	101.6	33.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
876	Y00G_062_050$_{de}$	0.625	0.625	0.125	0.625	0.5	0.375	90	0.625	0.525	0.125	60.1	−1.7	42.9	42.9	92.3	0.626	0.511	0.253	68.3	−15.2	67.1	68.8	102.7	28.9	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
877	Y00G_050_037$_{de}$	0.5	0.5	0.125	0.5	0.375	0.312	90	0.5	0.425	0.124	51.5	−1.3	32.2	32.2	92.3	0.525	0.433	0.241	54.7	−12.8	53.3	54.8	103.5	24.3	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
878	Y00G_037_025$_{de}$	0.375	0.375	0.125	0.375	0.25	0.25	90	0.375	0.325	0.124	42.9	−0.8	21.4	21.4	92.3	0.429	0.363	0.226	40.4	−9.8	35.7	37.0	105.3	17.0	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
879	Y00G_025_012$_{de}$	0.25	0.25	0.125	0.25	0.125	0.187	90	0.25	0.225	0.124	34.4	−0.4	10.7	10.7	92.3	0.336	0.293	0.219	29.2	−6.2	19.2	20.2	108.1	11.5	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
880	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	16.7	0.0	0.0	0.0	12.3	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
881	B00R_012_012$_{de}$	0.0	0.0	0.125	0.125	0.125	0.062	270	0.049	0.0	0.125	18.5	0.1	−6.2	6.2	271.7	0.129	0.118	0.154	15.5	−0.9	−0.3	0.9	202.7	6.6	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
882	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
891	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.4	0.0	−0.3	0.3	272.1	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
892	B50R_100_012$_{de}$	1.0	0.875	1.0	1.0	0.125	0.937	330	0.981	0.875	1.0	89.9	5.6	−3.4	6.5	328.6	0.959	0.911	0.982	86.3	15.4	−6.2	16.6	337.8	10.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
893	B50R_100_025$_{de}$	1.0	0.75	1.0	1.0	0.25	0.875	330	0.962	0.75	1.0	83.5	11.2	−6.8	13.1	328.6	0.92	0.805	0.911	77.0	27.3	−9.7	29.0	340.4	17.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
894	B50R_100_037$_{de}$	1.0	0.625	1.0	1.0	0.375	0.812	330	0.943	0.625	1.0	77.0	16.8	−10.3	19.7	328.6	0.866	0.708	0.838	67.7	40.4	−12.6	42.3	342.6	25.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
895	B50R_100_050$_{de}$	1.0	0.5	1.0	1.0	0.5	0.75	330	0.925	0.5	1.0	70.6	22.5	−13.7	26.3	328.6	0.805	0.613	0.749	62.2	49.4	−12.5	51.0	345.7	28.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
896	B50R_100_062$_{de}$	1.0	0.375	1.0	1.0	0.625	0.687	330	0.906	0.375	1.0	64.1	28.1	−17.1	32.9	328.6	0.788	0.547	0.738	55.9	60.4	−12.5	61.7	348.2	33.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
897	B50R_100_075$_{de}$	1.0	0.25	1.0	1.0	0.75	0.625	330	0.887	0.25	1.0	57.7	33.7	−20.6	39.5	328.6	0.768	0.476	0.718	52.1	68.2	−10.9	69.1	350.9	36.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
898	B50R_100_087$_{de}$	1.0	0.125	1.0	1.0	0.875	0.562	330	0.868	0.125	1.0	51.3	39.4	−24.0	46.1	328.6	0.875	0.375	1.0	50.0	71.8	−9.8	72.4	352.2	35.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
899	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	0.775	0.285	0.77	49.8	71.1	−9.5	71.7	352.3	32.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
900	G00B_100_012$_{de}$	0.875	1.0	0.875	1.0	0.125	0.937	150	0.875	1.0	0.969	91.6	−6.8	2.2	7.2	162.2	0.874	0.984	0.952	91.8	−10.8	12.2	16.3	131.4	10.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
901	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.2	−0.2	0.3	308.6	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
902	B50R_087_012$_{de}$	0.875	0.75	0.875	0.875	0.125	0.812	330	0.856	0.75	0.875	79.8	5.6	−3.4	6.5	328.6	0.828	0.764	0.805	81.2	13.9	−10.9	17.7	322.0	11.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
903	B50R_087_025$_{de}$	0.875	0.625	0.875	0.875	0.25	0.75	330	0.837	0.625	0.875	73.4	11.2	−6.8	13.1	328.6	0.794	0.69	0.756	68.2	25.9	−17.3	31.2	326.2	18.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
904	B50R_087_037$_{de}$	0.875	0.5	0.875	0.875	0.375	0.687	330	0.818	0.5	0.875	66.9	16.8	−10.3	19.7	328.6	0.754	0.596	0.695	57.2	37.3	−21.5	43.1	330.0	25.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
905	B50R_087_050$_{de}$	0.875	0.375	0.875	0.875	0.5	0.625	330	0.8	0.375	0.875	60.5	22.5	−13.7	26.3	328.6	0.699	0.507	0.634	50.7	45.2	−23.2	50.8	332.8	26.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
906	B50R_087_062$_{de}$	0.875	0.25	0.875	0.875	0.625	0.562	330	0.781	0.25	0.875	54.1	28.1	−17.1	32.9	328.6	0.659	0.426	0.59	45.6	53.3	−22.6	57.9	337.0	27.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
907	B50R_087_075$_{de}$	0.875	0.125	0.875	0.875	0.75	0.5	330	0.762	0.125	0.875	47.6	33.7	−20.6	39.5	328.6	0.875	0.375	1.0	44.2	56.8	−21.0	60.5	339.6	23.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
908	B50R_087_087$_{de}$	0.875	0.0	0.875	0.875	0.875	0.437	330	0.743	0.0	0.875	41.2	39.4	−24.0	46.1	328.6	0.551	0.275	0.496	43.4	60.7	−18.6	63.5	342.9	22.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
909	G00B_100_025$_{de}$	0.75	1.0	0.75	1.0	0.25	0.875	150	0.75	1.0	0.938	86.9	−13.7	4.4	14.4	162.2	0.746	0.869	0.835	84.7	−20.0	17.1	26.3	139.4	14.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
910	G00B_087_012$_{de}$	0.75	0.875	0.75	0.875	0.125	0.812	150	0.75	0.875	0.844	81.5	−6.8	2.2	7.2	162.2	0.758	0.807	0.793	86.7	−17.8	16.1	24.0	137.9	18.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
911	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.0	0.77	0.762	0.763	75.1	0.1	−0.6	0.6	287.9	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
912	B50R_075_012$_{de}$	0.75	0.625	0.75	0.75	0.125	0.687	330	0.731	0.625	0.75	69.7	5.6	−3.4	6.5	328.6	0.719	0.653	0.685	70.7	14.0	−14.7	20.4	313.5	14.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
913	B50R_075_025$_{de}$	0.75	0.5	0.75	0.75	0.25	0.625	330	0.712	0.5	0.75	63.3	11.2	−6.8	13.1	328.6	0.678	0.574	0.633	58.6	29.3	−23.4	37.5	321.3	24.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
914	B50R_075_037$_{de}$	0.75	0.375	0.75	0.75	0.375	0.562	330	0.693	0.375	0.75	56.9	16.8	−10.3	19.7	328.6	0.629	0.473	0.563	48.1	37.4	−28.0	46.7	323.1	28.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
915	B50R_075_050$_{de}$	0.75	0.25	0.75	0.75	0.5	0.5	330	0.675	0.25	0.75	50.4	22.5	−13.7	26.3	328.6	0.579	0.391	0.513	41.8	45.6	−28.7	54.0	327.7	28.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
916	B50R_075_062$_{de}$	0.75	0.125	0.75	0.75	0.625	0.437	330	0.656	0.125	0.75	44.0	28.1	−17.1	32.9	328.6	0.532	0.318	0.471	39.0	49.3	−27.3	56.4	331.0	24.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
917	B50R_075_075$_{de}$	0.75	0.0	0.75	0.75	0.75	0.375	330	0.637	0.0	0.75	37.6	33.7	−20.6	39.5	328.6	0.483	0.233	0.422	37.9	52.4	−24.9	58.0	334.5	19.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
918	G00B_100_037$_{de}$	0.625	1.0	0.625	1.0	0.375	0.812	150	0.625	1.0	0.907	82.1	−20.6	6.6	21.6	162.2	0.648	0.874	0.794	77.9	−28.3	19.7	34.5	145.1	15.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
919	G00B_087_025$_{de}$	0.625	0.875	0.625	0.875	0.25	0.75	150	0.625	0.875	0.813	76.8	−13.7	4.4	14.4	162.2	0.635	0.752	0.713	78.1	−28.4	21.2	35.4	143.2	22.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
920	G00B_075_012$_{de}$	0.625	0.75	0.625	0.75	0.125	0.687	150	0.625	0.75	0.719	71.4	−6.8	2.2	7.2	162.2	0.639	0.686	0.666	76.9	−19.1	14.8	24.2	142.2	18.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
921	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.0	0.647	0.638	0.635	61.9	0.1	−1.0	1.0	280.0	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
922	B50R_062_012$_{de}$	0.625	0.5	0.625	0.625	0.125	0.562	330	0.606	0.5	0.625	59.7	5.6	−3.4	6.5	328.6	0.601	0.532	0.557	57.7	15.7	−17.1	23.2	312.6	17.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
923	B50R_062_025$_{de}$	0.625	0.375	0.625	0.625	0.25	0.5	330	0.587	0.375	0.625	53.2	11.2	−6.8	13.1	328.6	0.568	0.462	0.517	47.9	32.2	−30.2	44.2	316.8	31.8	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
924	B50R_062_037$_{de}$	0.625	0.25	0.625	0.625	0.375	0.437	330	0.568	0.25	0.625	46.8	16.8	−10.3	19.7	328.6	0.517	0.366	0.452	38.6	42.9	−32.2	53.6	323.1	35.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
925	B50R_062_050$_{de}$	0.625	0.125	0.625	0.625	0.5	0.375	330	0.55	0.125	0.625	40.4	22.5	−13.7	26.3	328.6	0.469	0.293	0.409	35.6	45.6	−31.0	55.2	325.7	29.3	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
926	B50R_062_062$_{de}$	0.625	0.0	0.625	0.625	0.625	0.312	330	0.531	0.0	0.625	33.9	28.1	−17.1	32.9	328.6	0.422	0.199	0.355	33.9	46.5	−29.1	54.9	327.9	21.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
927	G00B_100_050$_{de}$	0.5	1.0	0.5	1.0	0.5	0.75	150	0.5	1.0	0.877	77.4	−27.4	8.8	28.8	162.2	0.551	0.874	0.749	71.5	−37.1	26.7	45.7	144.2	21.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
928	G00B_087_037$_{de}$	0.5	0.875	0.5	0.875	0.375	0.687	150	0.5	0.875	0.782	72.0	−20.6	6.6	21.6	162.2	0.501	1.0	0.874	70.4	−39.0	27.8	47.9	144.5	28.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
929	G00B_075_025$_{de}$	0.5	0.75	0.5	0.75	0.25	0.625	150	0.5	0.75	0.688	66.7	−13.7	4.4	14.4	162.2	0.531	0.638	0.587	72.2	−36.2	25.1	44.0	145.2	31.0	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
930	G00B_062_012$_{de}$	0.5	0.625	0.5	0.625	0.125	0.562	150	0.5	0.625	0.594	61.4	−6.8	2.2	7.2	162.2	0.536	0.573	0.545	65.9	−20.7	15.4	25.8	143.3	19.6	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
931	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.0	0.542	0.524	0.517	49.3	0.0	−1.3	1.3	273.8	6.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
932	B50R_050_012$_{de}$	0.5	0.375	0.5	0.5	0.125	0.437	330	0.481	0.375	0.5	49.6	5.6	−3.4	6.5	328.6	0.501	0.441	0.464	45.3	15.5	−17.6	23.4	311.3	17.7	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
933	B50R_050_025$_{de}$	0.5	0.25	0.5	0.5	0.25	0.375	330	0.462	0.249	0.5	43.2	11.2	−6.8	13.1	328.6	0.462	0.355	0.41	36.8	37.1	−32.4	49.3	318.8	36.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
934	B50R_050_037$_{de}$	0.5	0.125	0.5	0.5	0.375	0.312	330	0.443	0.124	0.5	36.7	16.8	−10.3	19.7	328.6	0.41	0.264	0.345	31.8	42.6	−31.8	53.2	323.2	33.9	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
935	B50R_050_050$_{de}$	0.5	0.0	0.5	0.5	0.5	0.25	330	0.425	0.0	0.5	30.3	22.5	−13.7	26.3	328.6	0.357	0.18	0.298	30.8	39.6	−30.6	50.0	322.2	24.0	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
936	G00B_100_062$_{de}$	0.375	1.0	0.375	1.0	0.625	0.687	150	0.375	1.0	0.846	72.6	−34.3	11.0	36.0	162.2	0.382	0.749	0.623	65.4	−47.0	34.9	58.5	143.4	27.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
937	G00B_087_050$_{de}$	0.375	0.875	0.375	0.875	0.5	0.625	150	0.375	0.875	0.752	67.3	−27.4	8.8	28.8	162.2	0.421	0.671	0.568	64.5	−48.8	35.0	60.1	144.3	33.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
938	G00B_075_037$_{de}$	0.375	0.75	0.375	0.75	0.375	0.562	150	0.375	0.75	0.657	62.0	−20.6	6.6	21.6	162.2	0.43	0.59	0.516	64.9	−47.9	33.9	58.7	144.6	38.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
939	G00B_062_025$_{de}$	0.375	0.625	0.375	0.625	0.25	0.5	150	0.375	0.625	0.563	56.6	−13.7	4.4	14.4	162.2	0.441	0.542	0.487	62.1	−42.2	29.1	51.3	145.3	38.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
940	G00B_050_012$_{de}$	0.375	0.5	0.375	0.5	0.125	0.437	150	0.375	0.5	0.469	51.3	−6.8	2.2	7.2	162.2	0.442	0.478	0.445	51.6	−22.0	14.0	26.1	147.4	19.2	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
941	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.0	0.437	0.413	0.406	35.2	0.0	−1.0	1.0	273.5	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
942	B50R_037_012$_{de}$	0.375	0.25	0.375	0.375	0.125	0.312	330	0.356	0.249	0.375	39.5	5.6	−3.4	6.5	328.6	0.412	0.358	0.381	33.5	14.6	−17.9	23.1	309.2	18.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
943	B50R_037_025$_{de}$	0.375	0.125	0.375	0.375	0.25	0.25	330	0.337	0.124	0.375	33.1	11.2	−6.8	13.1	328.6	0.358	0.246	0.296	28.7	31.9	−29.6	43.6	317.1	31.1	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
944	B50R_037_037$_{de}$	0.375	0.0	0.375	0.375	0.375	0.187	330	0.318	0.0	0.375	26.6	16.8	−10.3	19.7	328.6	0.306	0.171	0.254	26.8	30.0	−27.3	40.6	317.6	21.5	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
945	G00B_100_075$_{de}$	0.25	1.0	0.25	1.0	0.75	0.625	150	0.25	1.0	0.815	67.9	−41.2	13.2	43.2	162.2	0.334	1.0	0.749	61.8	−54.5	40.3	67.8	143.4	30.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
946	G00B_087_062$_{de}$	0.25	0.875	0.25	0.875	0.625	0.562	150	0.25	0.875	0.721	62.6	−34.3	11.0	36.0	162.2	0.332	0.615	0.507	60.0	−57.9	40.6	70.8	144.9	37.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
947	G00B_075_050$_{de}$	0.25	0.75	0.25	0.75	0.5	0.5	150	0.25	0.75	0.627	57.2	−27.4	8.8	28.8	162.2	0.35	0.554	0.456	59.1	−59.2	39.9	71.4	146.0	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
948	G00B_062_037$_{de}$	0.25	0.625	0.25	0.625	0.375	0.437	150	0.25	0.625	0.532	51.9	−20.6	6.6	21.6	162.2	0.35	0.49	0.409	56.8	−62.7	39.8	74.3	147.5	53.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
949	G00B_050_025$_{de}$	0.25	0.5	0.25	0.5	0.25	0.375	150	0.249	0.5	0.438	46.6	−13.7	4.4	14.4	162.2	0.356	0.445	0.388	49.8	−47.9	29.4	56.2	148.3	42.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
950	G00B_037_012$_{de}$	0.25	0.375	0.25	0.375	0.125	0.312	150	0.249	0.375	0.344	41.2	−6.8	2.2	7.2	162.2	0.362	0.406	0.374	39.8	−23.3	13.0	26.7	150.8	19.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
951	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.0	0.338	0.313	0.302	24.6	0.0	−0.6	0.6	274.2	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
952	B50R_025_012$_{de}$	0.25	0.125	0.25	0.25	0.125	0.187	330	0.231	0.124	0.25	29.4	5.6	−3.4	6.5	328.6	0.312	0.25	0.271	23.5	15.2	−19.2	24.5	308.3	19.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
953	B50R_025_025$_{de}$	0.25	0.0	0.25	0.25	0.25	0.125	330	0.212	0.0	0.25	23.0	11.2	−6.8	13.1	328.6	0.255	0.144	0.193	20.2	20.1	−22.9	30.5	311.2	18.6	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
954	G00B_100_087$_{de}$	0.125	1.0	0.125	1.0	0.875	0.562	150	0.125	1.0	0.785	63.2	−48.0	15.4	50.4	162.2	0.25	1.0	0.75	59.9	−57.9	42.0	71.5	144.0	28.5	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
955	G00B_087_075$_{de}$	0.125	0.875	0.125	0.875	0.75	0.5	150	0.125	0.875	0.69	57.8	−41.2	13.2	43.2	162.2	0.269	0.591	0.464	58.2	−61.1	41.8	74.1	145.6	34.9	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
956	G00B_075_062$_{de}$	0.125	0.75	0.125	0.75	0.625	0.437	150	0.125	0.75	0.596	52.5	−34.3	11.0	36.0	162.2	0.275	0.523	0.404	56.9	−62.2	40.4	74.2	146.9	40.8	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
957	G00B_062_050$_{de}$	0.125	0.625	0.125	0.625	0.5	0.375	150	0.125	0.625	0.502	47.2	−27.4	8.8	28.8	162.2	0.276	0.464	0.365	51.8	−60.6	36.0	70.5	149.2	43.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
958	G00B_050_037$_{de}$	0.125	0.5	0.125	0.5	0.375	0.312	150	0.124	0.5	0.407	41.8	−20.6	6.6	21.6	162.2	0.277	0.41	0.327	46.9	−56.7	32.0	65.1	150.5	44.4	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
959	G00B_037_025$_{de}$	0.125	0.375	0.125	0.375	0.25	0.25	150	0.124	0.375	0.313	36.5	−13.7	4.4	14.4	162.2	0.266	0.344	0.282	39.6	−50.9	26.1	57.2	152.8	43.1	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
960	G00B_025_012$_{de}$	0.125	0.25	0.125	0.25	0.125	0.187	150	0.124	0.25	0.219	31.1	−6.8	2.2	7.2	162.2	0.264	0.297	0.263	30.8	−28.4	14.3	31.8	153.2	24.7	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
961	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.0	0.264	0.257	0.25	17.1	0.1	0.0	0.1	37.6	8.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
962	B50R_012_012$_{de}$	0.125	0.0	0.125	0.125	0.125	0.062	330	0.106	0.0	0.125	19.4	5.6	−3.4	6.5	328.6	0.189	0.117	0.146	17.3	6.2	−9.2	11.1	303.8	6.2	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
963	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	59.8	−58.3

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			$h_{si_F,de}$	*rgb**$_{Fde}$			*LabCh**$_{Fde}$				*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$				*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$			
972	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	199.1	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
973	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.0	−0.1	−0.1	0.1	224.5	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
974	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	22.6	0.0	−0.7	0.7	264.3	13.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
975	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	34.1	0.0	−0.9	0.9	269.2	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
976	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	48.6	0.1	−1.0	1.0	275.7	7.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
977	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	62.1	0.1	−0.9	0.9	277.4	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
978	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	75.3	0.1	−0.6	0.6	283.0	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
979	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.9	0.0	−0.2	0.2	285.7	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
980	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	−0.1	−0.5	0.5	256.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
981	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	271.3	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
982	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.1	0.0	−0.1	0.1	257.9	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
983	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	22.5	0.0	−0.8	0.8	265.4	13.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
984	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	33.9	0.0	−1.1	1.1	270.8	12.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
985	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.7	0.1	−1.0	1.0	278.0	8.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
986	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	62.6	0.1	−1.1	1.1	278.7	3.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
987	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	75.7	0.2	−0.7	0.7	286.3	0.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
988	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	88.0	0.1	−0.3	0.3	294.5	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
989	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.5	0.6	262.1	0.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
990	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.1	131.7	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
991	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	14.6	0.0	−0.2	0.3	252.4	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
992	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	21.9	0.0	−0.8	0.8	265.5	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
993	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	32.9	0.0	−0.9	0.9	273.5	13.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
994	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.3	0.0	−0.9	0.9	275.5	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
995	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	61.6	0.2	−1.0	1.1	280.9	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
996	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	74.6	0.2	−0.5	0.5	292.4	1.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
997	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.2	−0.3	0.4	303.5	1.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
998	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.4	0.4	262.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
999	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.1	0.2	110.1	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1000	NW_012$_{de}$	0.125	0.125	0.125	0.125	0.0	0.125	360	0.125	0.125	0.125	25.8	0.0	0.0	0.0	0.264	0.257	0.25	15.1	−0.1	−0.2	0.2	238.0	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1001	NW_025$_{de}$	0.25	0.25	0.25	0.25	0.0	0.25	360	0.25	0.25	0.25	35.9	0.0	0.0	0.0	0.338	0.313	0.302	21.8	−0.1	−0.5	0.6	253.4	14.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1002	NW_037$_{de}$	0.375	0.375	0.375	0.375	0.0	0.375	360	0.375	0.375	0.375	46.0	0.0	0.0	0.0	0.437	0.413	0.406	32.8	0.0	−0.9	0.9	266.5	13.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1003	NW_050$_{de}$	0.5	0.5	0.5	0.5	0.0	0.5	360	0.5	0.5	0.5	56.0	0.0	0.0	0.0	0.542	0.524	0.517	47.2	0.0	−0.8	0.8	273.9	8.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1004	NW_062$_{de}$	0.625	0.625	0.625	0.625	0.0	0.625	360	0.625	0.625	0.625	66.1	0.0	0.0	0.0	0.647	0.638	0.635	61.8	0.1	−0.9	0.9	277.5	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1005	NW_075$_{de}$	0.75	0.75	0.75	0.75	0.0	0.75	360	0.75	0.75	0.75	76.2	0.0	0.0	0.0	0.77	0.762	0.763	74.7	0.1	−0.4	0.4	290.6	1.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1006	NW_087$_{de}$	0.875	0.875	0.875	0.875	0.0	0.875	360	0.875	0.875	0.875	86.3	0.0	0.0	0.0	0.87	0.871	0.871	87.4	0.1	0.0	0.2	338.8	1.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1007	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.1	0.1	243.2	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1008	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	62.0	3.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1009	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	12.3	0.0	0.0	0.0	54.7	8.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1010	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	17.9	0.0	−0.3	0.3	273.0	8.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1011	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	22.0	0.0	−0.7	0.7	265.7	9.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1012	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	26.4	0.0	−0.8	0.8	269.1	10.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1013	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	31.1	0.0	−0.8	0.8	270.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1014	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.8	0.0	−0.7	0.7	275.8	10.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1015	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	43.8	0.0	−0.6	0.6	277.3	9.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1016	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.6	0.1	−0.7	0.7	282.4	7.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1017	NW_060$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.8	0.1	−0.6	0.7	282.6	4.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1018	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.677	0.66	0.662	66.7	0.2	−0.7	0.7	286.3	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1019	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.761	0.756	0.756	72.9	0.1	−0.3	0.4	295.7	2.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1020	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.799	0.783	0.792	78.8	0.2	−0.1	0.2	334.2	1.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1021	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	85.2	0.1	0.0	0.1	1.0	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1022	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	90.9	0.1	−0.1	0.2	324.4	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1023	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.2	0.2	276.9	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1024	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	93.8	4.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1025	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	11.5	0.0	0.1	0.1	84.8	9.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1026	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	17.1	0.0	−0.2	0.2	276.9	9.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1027	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	21.4	0.0	−0.7	0.7	266.9	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1028	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	26.1	0.0	−0.7	0.7	271.6	11.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1029	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	31.2	0.0	−0.9	0.9	271.8	11.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1030	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.9	0.0	−0.8	0.8	276.1	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1031	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	44.2	0.1	−0.7	0.7	282.0	9.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1032	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.7	0.1	−0.9	0.9	280.6	7.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1033	NW_060$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.8	0.2	−1.0	1.0	281.3	4.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1034	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.677	0.66	0.662	66.8	0.1	−0.7	0.8	283.8	2.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1035	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.761	0.756	0.756	73.1	0.2	−0.5	0.6	293.0	1.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1036	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.799	0.783	0.792	78.9	0.2	−0.1	0.2	324.0	1.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1037	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.853	0.849	0.856	85.2	0.2	0.0	0.2	342.0	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1038	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.929	0.936	0.957	91.0	0.2	−0.1	0.2	322.2	0.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1039	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	1.0	1.0	1.0	96.1	0.0	−0.4	0.4	279.1	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1040	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	70.8	4.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1041	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.176	0.149	0.144	11.0	0.0	0.1	0.1	73.5	10.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1042	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.269	0.259	0.252	16.3	0.0	−0.2	0.2	276.7	10.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1043	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.305	0.282	0.272	21.3	0.0	−0.6	0.6	268.8	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1044	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.352	0.331	0.321	25.7	0.0	−0.8	0.8	271.4	11.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1045	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.413	0.396	0.389	30.8	0.0	−0.8	0.8	272.1	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1046	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.454	0.429	0.422	37.4	0.1	−0.9	0.9	277.4	10.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1047	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.522	0.512	0.504	44.1	0.1	−0.6	0.7	280.4	9.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1048	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.562	0.539	0.534	51.2	0.2	−0.9	0.9	281.6	7.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0
1049	NW_060$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.631	0.627	0.621	59.5	0.1	−0.8	0.8	281.2	4.6

n	HIC*$_{Fde}$	*rgb*$_{Fde}$			*ict*$_{Fde}$			h_{si_Fde}	*rgb**$_{Fde}$			*LabCh**$_{Fde}$					*rgb'**$_{Fde}$			*LabCh'**$_{Fde}$					*DE'**$_{Fde}$	$h_{siM,de}$	*rgb**$_{Mde}$			*LabCh**$_{Mde}$				
1053	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	85.0	0.2	0.0	0.2	17.3	0.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1054	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	90.8	0.2	−0.3	0.4	310.7	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1055	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.2	0.0	−0.3	0.3	273.6	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1056	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.2	0.2	86.1	5.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1057	NW_006$_{de}$	0.066	0.066	0.066	0.066	0.0	0.066	360	0.066	0.066	0.066	21.1	0.0	0.0	0.0	0.0	0.176	0.149	0.144	10.7	0.0	0.3	0.3	87.3	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1058	NW_013$_{de}$	0.133	0.133	0.133	0.133	0.0	0.133	360	0.133	0.133	0.133	26.5	0.0	0.0	0.0	0.0	0.269	0.259	0.252	16.0	0.0	−0.1	0.1	284.4	10.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1059	NW_020$_{de}$	0.2	0.2	0.2	0.2	0.0	0.2	360	0.2	0.2	0.2	31.9	0.0	0.0	0.0	0.0	0.305	0.282	0.272	20.9	0.0	−0.6	0.6	266.8	11.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1060	NW_026$_{de}$	0.266	0.266	0.266	0.266	0.0	0.266	360	0.266	0.266	0.266	37.2	0.0	0.0	0.0	0.0	0.352	0.331	0.321	25.3	0.0	−0.6	0.6	268.0	11.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1061	NW_033$_{de}$	0.333	0.333	0.333	0.333	0.0	0.333	360	0.333	0.333	0.333	42.6	0.0	0.0	0.0	0.0	0.413	0.396	0.389	31.1	0.0	−0.8	0.8	272.0	11.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1062	NW_040$_{de}$	0.4	0.4	0.4	0.4	0.0	0.4	360	0.4	0.4	0.4	48.0	0.0	0.0	0.0	0.0	0.454	0.429	0.422	37.3	0.0	−0.7	0.7	274.3	10.7	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1063	NW_046$_{de}$	0.466	0.466	0.466	0.466	0.0	0.466	360	0.466	0.466	0.466	53.3	0.0	0.0	0.0	0.0	0.522	0.512	0.504	44.0	0.1	−0.6	0.6	283.5	9.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1064	NW_053$_{de}$	0.533	0.533	0.533	0.533	0.0	0.533	360	0.533	0.533	0.533	58.7	0.0	0.0	0.0	0.0	0.562	0.539	0.534	51.4	0.1	−0.8	0.8	279.0	7.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1065	NW_060$_{de}$	0.6	0.6	0.6	0.6	0.0	0.6	360	0.6	0.6	0.6	64.1	0.0	0.0	0.0	0.0	0.631	0.627	0.621	59.5	0.1	−0.7	0.7	280.4	4.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1066	NW_066$_{de}$	0.666	0.666	0.666	0.666	0.0	0.666	360	0.666	0.666	0.666	69.4	0.0	0.0	0.0	0.0	0.677	0.66	0.662	66.7	0.1	−0.7	0.7	282.8	2.8	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1067	NW_073$_{de}$	0.734	0.734	0.734	0.734	0.0	0.734	360	0.734	0.734	0.734	74.9	0.0	0.0	0.0	0.0	0.761	0.756	0.756	72.7	0.1	−0.4	0.4	294.4	2.2	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1068	NW_080$_{de}$	0.8	0.8	0.8	0.8	0.0	0.8	360	0.8	0.8	0.8	80.2	0.0	0.0	0.0	0.0	0.799	0.783	0.792	78.6	0.2	−0.2	0.3	318.8	1.6	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1069	NW_086$_{de}$	0.866	0.866	0.866	0.866	0.0	0.866	360	0.866	0.866	0.866	85.5	0.0	0.0	0.0	0.0	0.853	0.849	0.856	84.6	0.2	0.0	0.2	354.4	0.9	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1070	NW_093$_{de}$	0.933	0.933	0.933	0.933	0.0	0.933	360	0.933	0.933	0.933	90.9	0.0	0.0	0.0	0.0	0.929	0.936	0.957	90.9	0.3	−0.1	0.3	332.3	0.3	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1071	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.0	0.2	−0.3	0.3	309.0	0.4	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1072	NW_000$_{de}$	0.0	0.0	0.0	0.0	0.0	0.0	360	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.1	0.1	91.6	3.5	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1073	NW_100$_{de}$	1.0	1.0	1.0	1.0	0.0	1.0	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0	1.0	1.0	1.0	96.3	0.0	−0.1	0.1	282.2	0.1	360	1.0	1.0	1.0	96.3	0.0	0.0	0.0	0.0
1074	R00Y_100_100$_{de}$	1.0	0.0	0.0	1.0	1.0	0.5	390	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4	0.996	0.115	0.26	47.6	63.7	44.8	77.9	35.1	14.2	376	1.0	0.0	0.237	48.3	64.2	30.6	71.1	25.4
1075	G50B_100_100$_{de}$	0.0	1.0	1.0	1.0	1.0	0.5	210	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9	0.169	0.623	0.749	56.6	−42.5	−20.2	47.1	205.4	9.8	213	0.0	0.941	1.0	55.3	−38.8	−29.2	48.5	216.9
1076	Y00G_100_100$_{de}$	1.0	1.0	0.0	1.0	1.0	0.5	90	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3	1.0	0.799	0.0	92.6	−17.4	97.1	98.6	100.1	19.7	79	1.0	0.8	0.0	84.3	−3.4	85.8	85.9	92.3
1077	B00R_100_100$_{de}$	0.0	0.0	1.0	1.0	1.0	0.5	270	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7	0.401	0.0	1.0	38.5	−6.0	−48.2	48.6	262.8	7.7	293	0.397	0.0	1.0	38.0	1.5	−49.8	49.8	271.7
1078	G00B_100_100$_{de}$	0.0	1.0	0.0	1.0	1.0	0.5	150	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2	0.0	1.0	0.75	58.2	−60.6	43.3	74.5	144.4	26.3	196	0.0	1.0	0.754	58.4	−54.9	17.6	57.7	162.2
1079	B50R_100_100$_{de}$	1.0	0.0	1.0	1.0	1.0	0.5	330	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6	0.775	0.285	0.77	49.7	72.5	−10.9	73.3	351.3	32.4	322	0.85	0.0	1.0	44.8	45.0	−27.4	52.7	328.6
																								delta	**8.0**									

TUB-Prüfvorlage RG61; 1080 Normfarben, *cf*=1
Farben und Farbabstände, $\Delta E'^*$

Eingabe: *rgb/cmyk* −> rgb_{de}
Ausgabe: 3D-Linearisierung rgb^*_{de}

Siehe ähnliche Dateien: http://130.149.60.45/~farbmetrik/RG61/RG61.HTM
Technische Information: http://www.ps.bam.de oder http://130.149.60.45/~farbmetrik

TUB-Registrierung: 20150701-RG61/RG61L0FA.TXT /.PS TUB-Material: Code=rha4ta
Anwendung für Messung von Laserdrucker-Ausgabe, keine Separation rgb* (RGB)