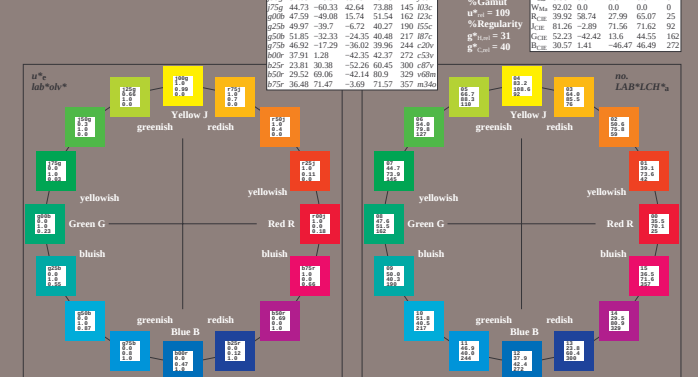
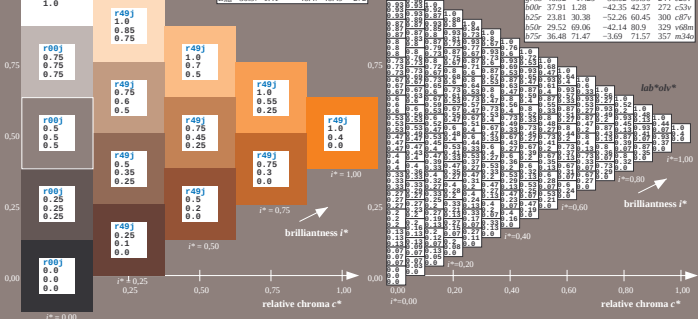


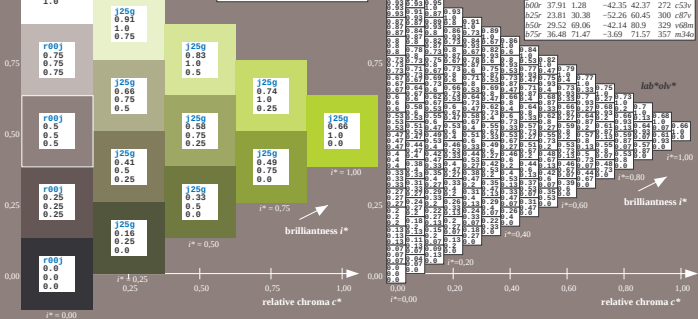
Input and output: Colorimetric Printer Reflective System FR509_92a
data for any colour:
 $u^*_c =$ and number $n = 00 \dots 15$
elementary hue test:
 $u^*_c = 16$ hues $r00, r25, \dots, b75$
contrast reduction factor:
 $c^*_c = 1.0$



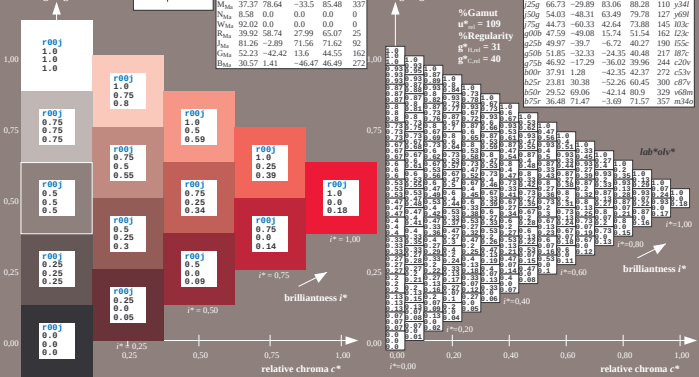
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.164$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = r50$ $u^*_a = o0y$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*



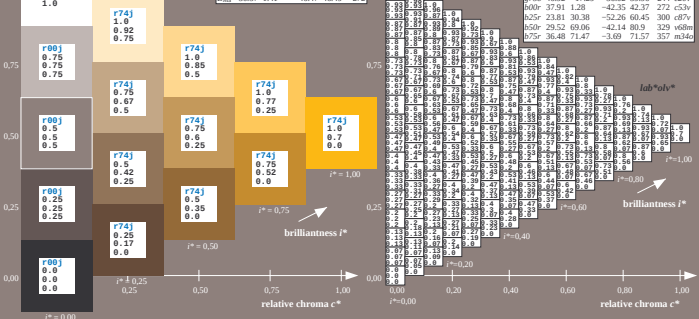
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.305$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = j25g$ $u^*_a = y3d$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*



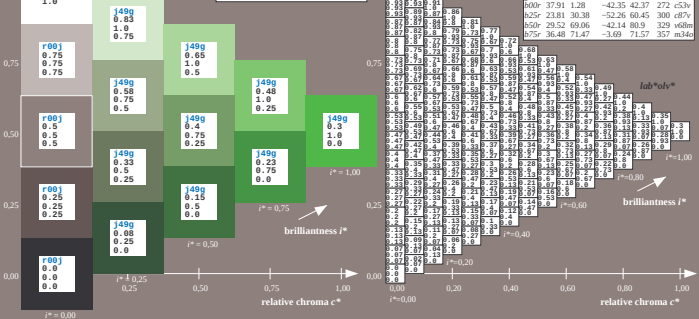
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.071$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = r00$ $u^*_a = m0o$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*



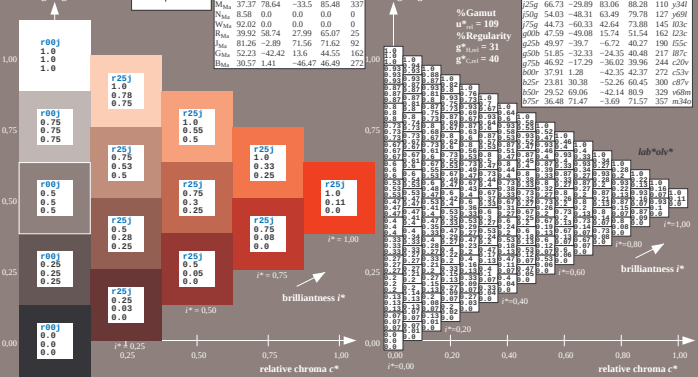
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.21$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = r75j$ $u^*_a = o6y$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*



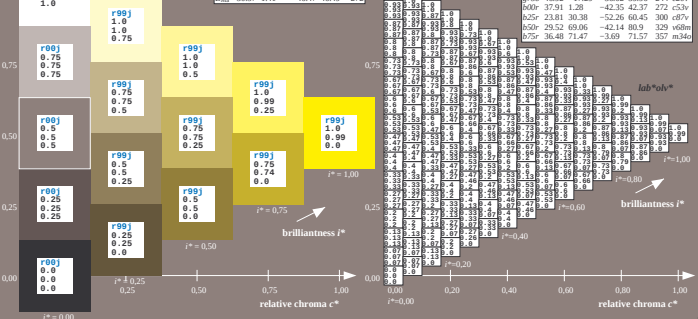
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.354$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = j50g$ $u^*_a = y60$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*



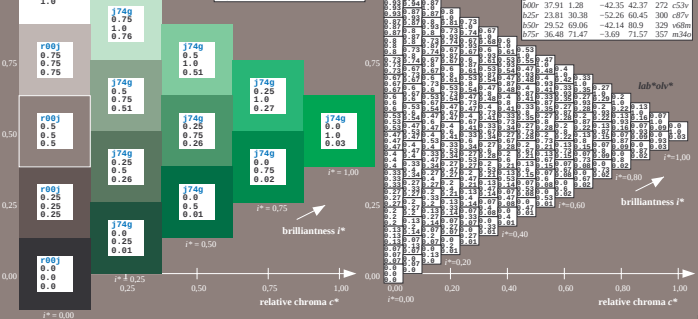
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.117$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = r25j$ $u^*_a = o1y$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*

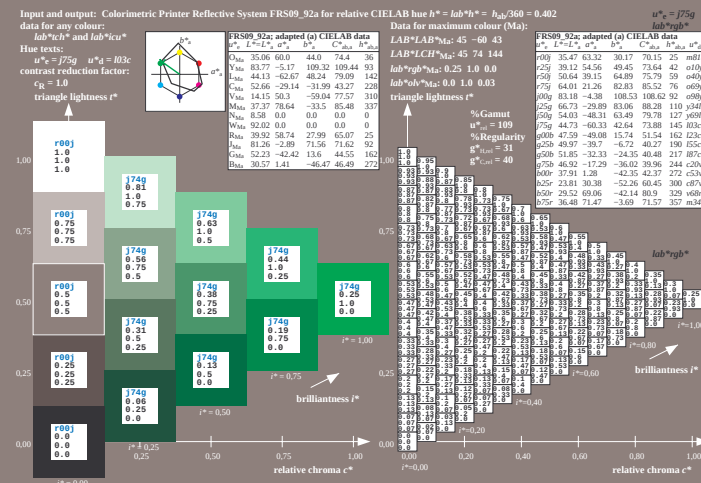
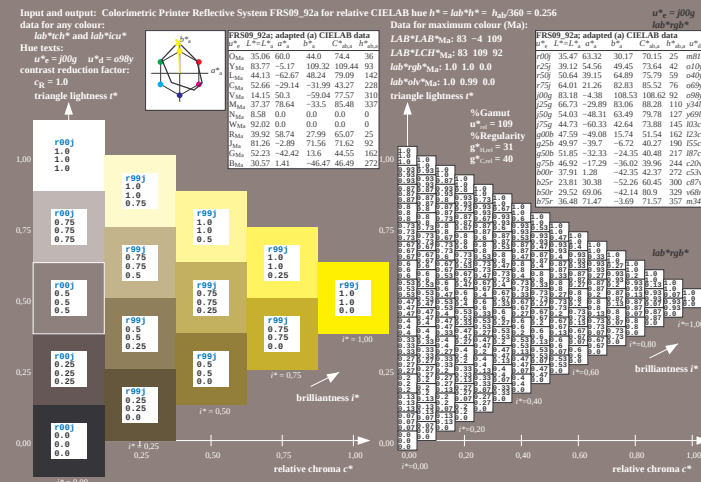
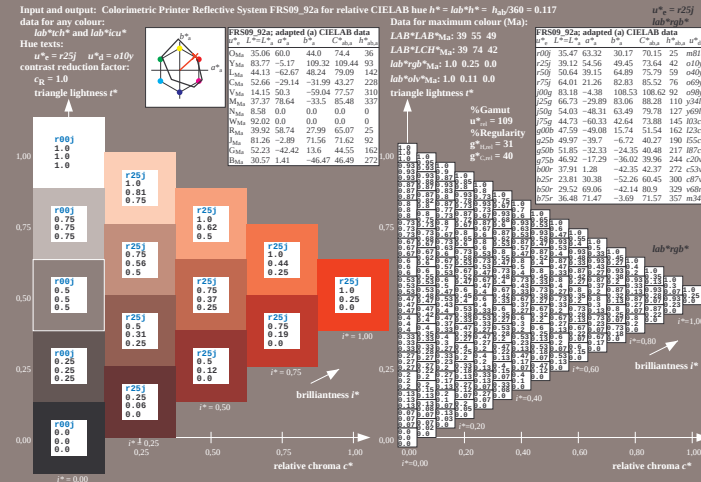


Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.256$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = j00g$ $u^*_a = o8y$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*

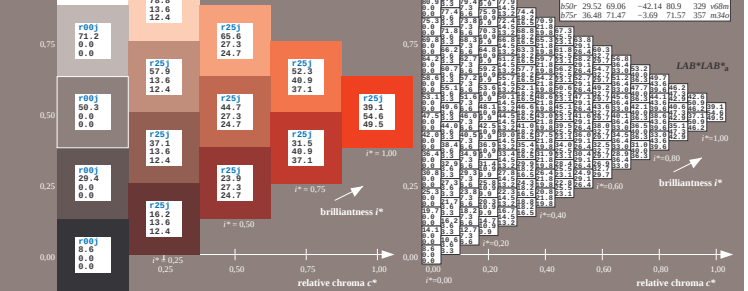


Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.402$
data for any colour:
 lab^*h^* and lab^*c^*
Hue tests:
 $u^*_c = j75g$ $u^*_a = o0c$
contrast reduction factor:
 $c^*_c = 1.0$
triangle lightness l^*

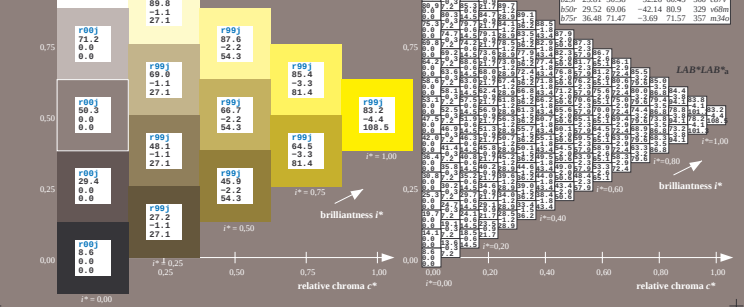




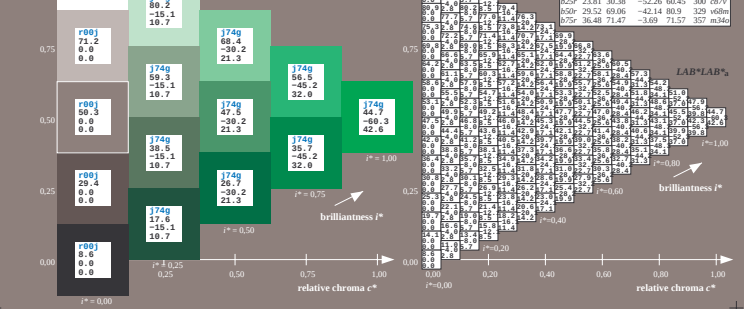
3 data		
s	$h^*_{ab,a}$	$u^*_{d,i}$
25	25	m810
42	42	o10y
59	59	o40y
76	76	o69y
92	92	o98y
110	110	y34l
127	127	y69l
145	145	i03c
162	162	i23c
179	190	i55c
196	217	h87c
213	244	c20v
230	272	c53v
247	300	c87v



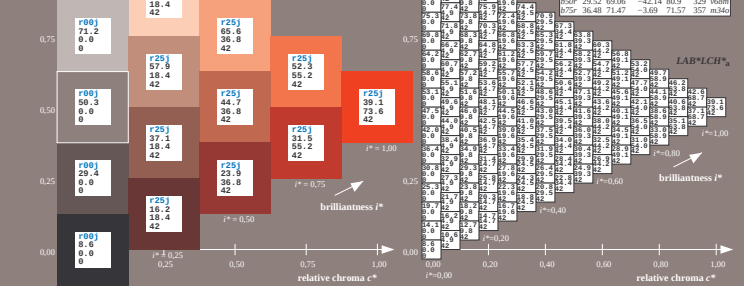
	h^*	a^*_{ab}	u^*_d
5	25	m81o	
6	42	o10y	
9	59	o40y	
2	76	o69y	
62	92	o98y	
8	110	y34l	
8	127	y69l	
8	145	l03c	
4	162	l23c	
7	190	l55c	
8	217	l87c	
6	244	c20v	
7	272	c53v	
5	300	c87v	



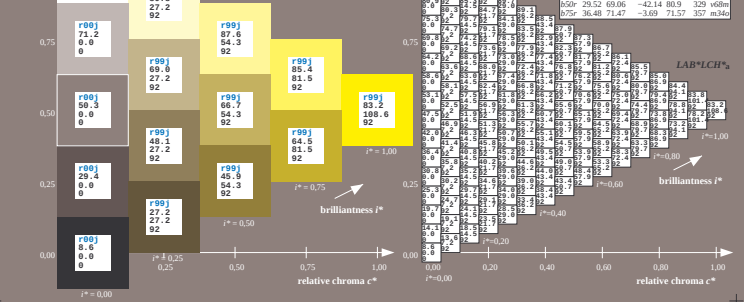
	h^*	a^*_{blue}	u^*_d
5	25	m81o	
6	42	<i>o10y</i>	
9	59	<i>o40y</i>	
2	76	<i>o69y</i>	
62	92	<i>o98y</i>	
8	110	<i>y34l</i>	
8	127	<i>y69l</i>	
8	145	<i>l03c</i>	
4	162	<i>l23c</i>	
7	190	<i>l55c</i>	
8	217	<i>l87c</i>	
6	244	<i>c20v</i>	
7	272	<i>c53v</i>	
5	300	<i>g7-</i>	



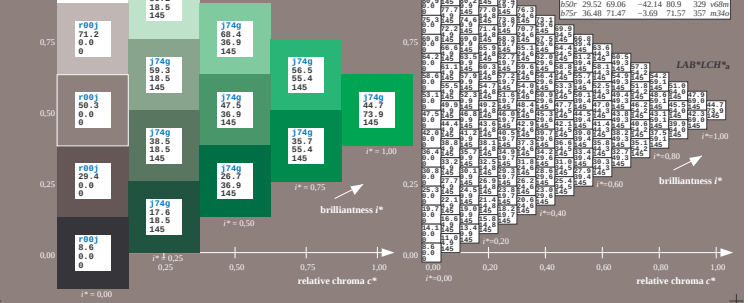
ELAB data			
u^*_{ci}	h^*_{ci}	h^*_{si}	u^*_{si}
70.15	25	m81o	
73.64	42	o10y	
75.79	59	o40y	
85.52	76	o69y	
108.62	92	o98y	
88.28	110	y341	
79.78	127	y69l	
73.88	145	i03c	
51.54	162	i23c	
40.27	190	f55c	
40.48	217	i87c	
32.99	244	c20v	
42.37	272	c53v	
60.45	300	c87v	



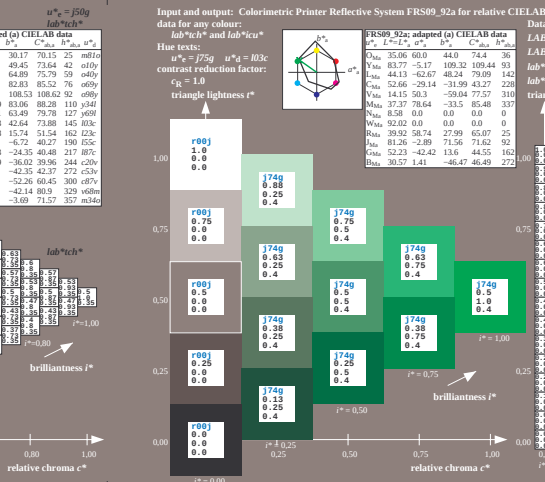
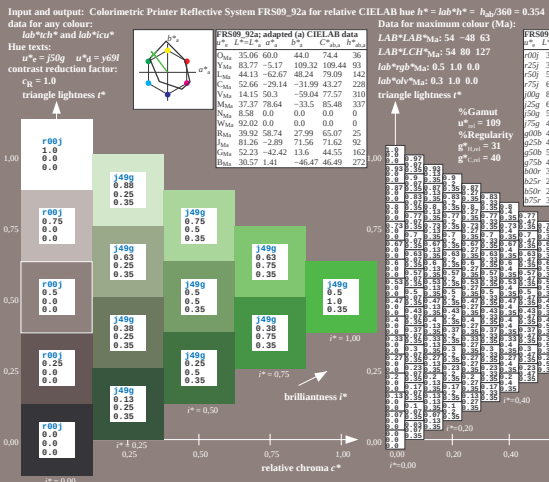
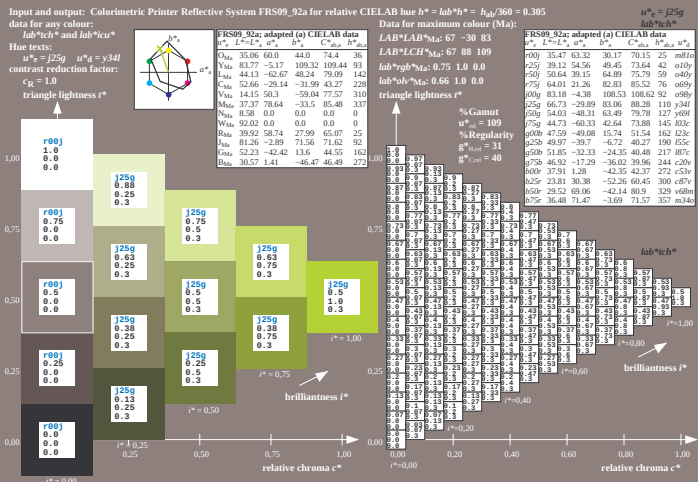
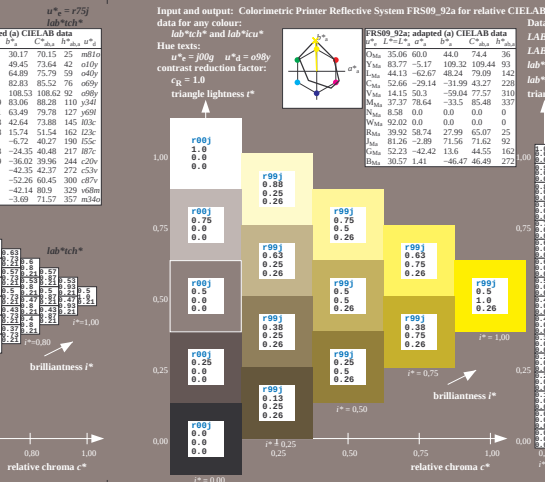
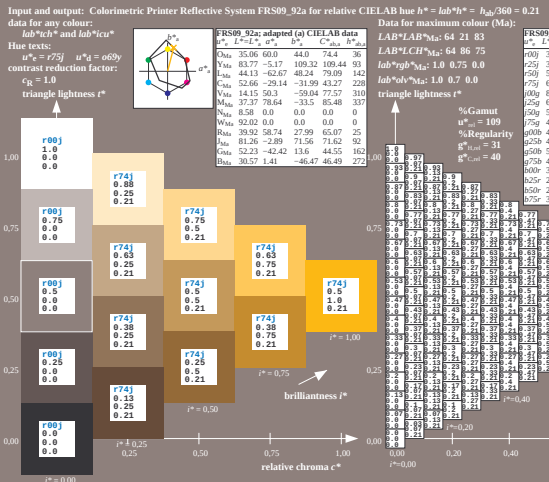
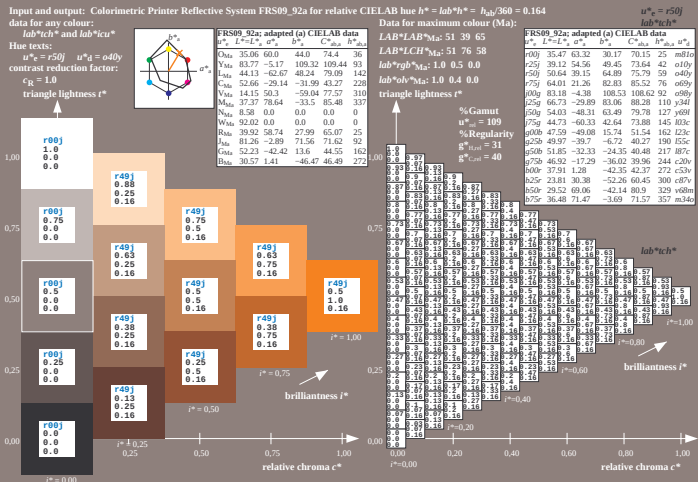
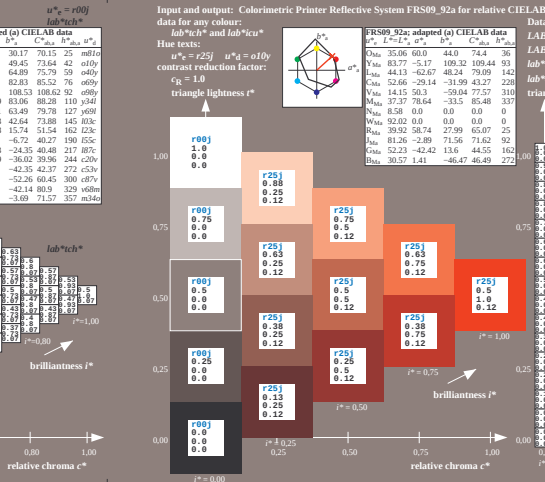
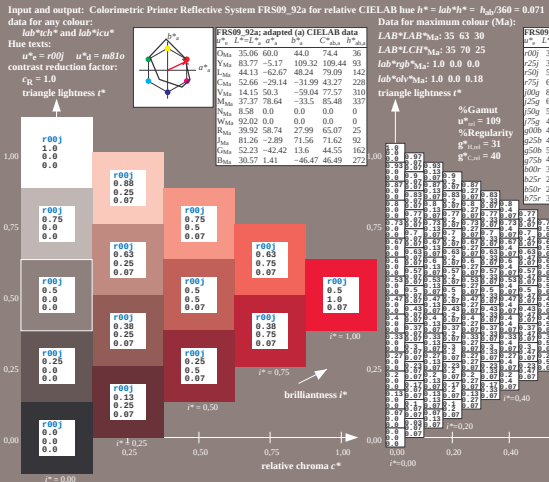
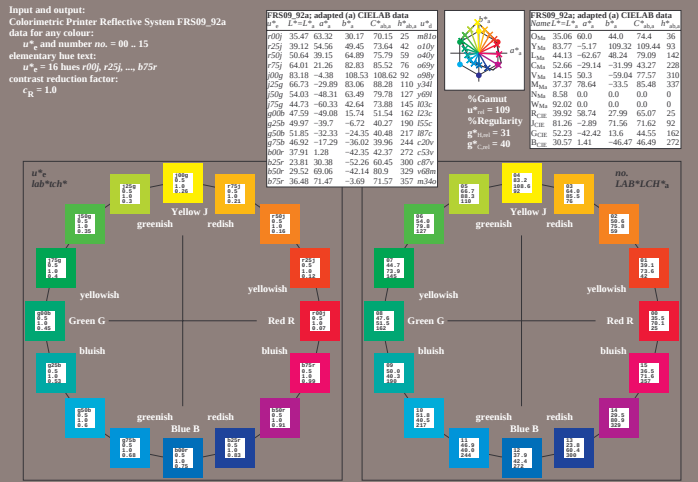
ELAB data			
C ^a ₇₀ As	h ^a ₇₀ As	u ^a ₇₀	u ^a _d
70.15	25	m81o	
73.64	42	o10y	
75.79	59	o40y	
85.52	76	o69y	
108.62	92	o98y	
88.28	110	y34f	
79.78	127	y69f	
73.88	145	103c	
51.54	162	123c	
40.27	190	155c	
40.48	217	187c	
39.96	244	c20v	
42.37	272	c53v	
60.45	300	c87v	



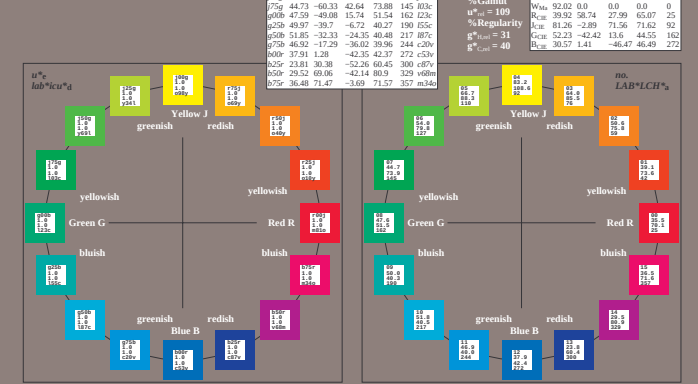
LAB*LCH _a			
u _c = j75g			
ELAB data			
C _a b _a s	h ^a b _a s	u _a	d
70.15	25	m81o	
73.64	42	o10y	
75.79	59	o40y	
85.52	76	o69y	
108.62	92	o98y	
88.28	110	y34i	
79.78	127	y69i	
73.88	145	i03c	
51.54	162	i23c	
40.27	190	i55c	
35.48	218	i87c	
29.96	244	c20v	
26.43	272	c53v	
26.45	300	c87v	



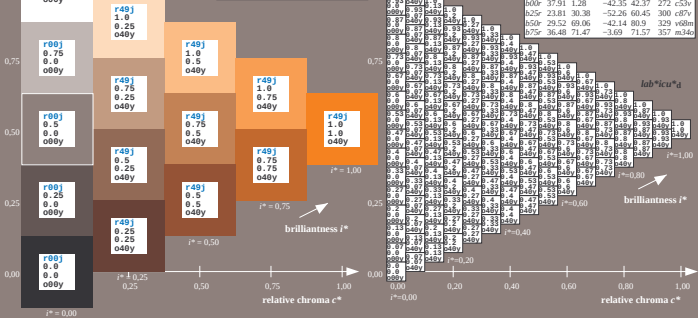
Input and output: Colorimetric Printer Reflective System FR509_92a
data for any colour:
 u^*_c and number $n = 00 \dots 15$
elementary hue test:
 $u^*_c = 16$ hues $r00, r25, \dots, b75$
contrast reduction factor:
 $c^*_c = 1.0$



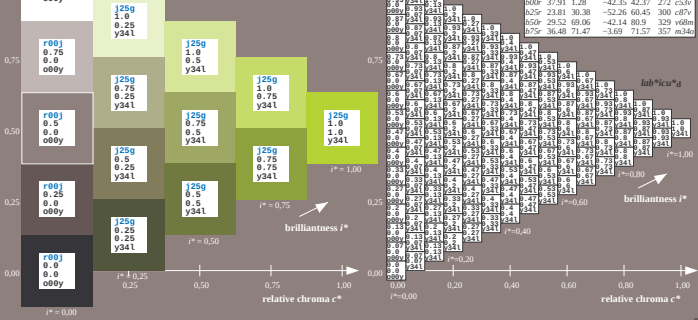
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.164$ data for any colour:
 $u^*_e = r50j$ $u^*_a = odyj$
hue text:
 $u^*_e = r50j$ $u^*_a = odyj$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



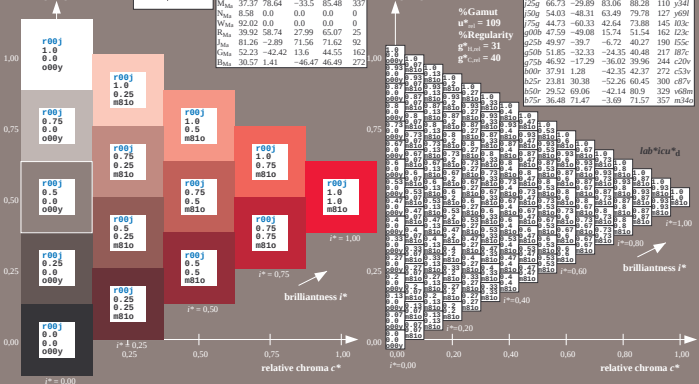
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.164$ data for any colour:
 $u^*_e = r50j$ $u^*_a = odyj$
hue text:
 $u^*_e = r50j$ $u^*_a = odyj$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



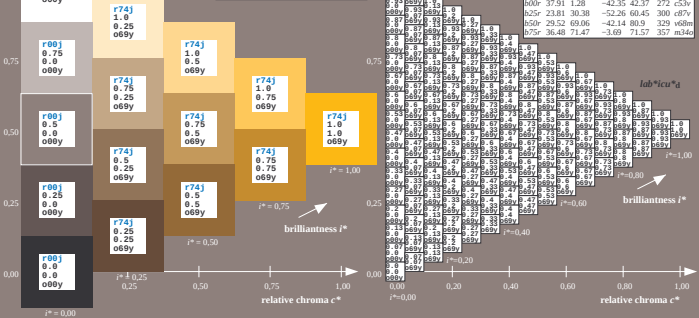
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.305$ data for any colour:
 $u^*_e = j25g$ $u^*_a = y34l$
hue text:
 $u^*_e = j25g$ $u^*_a = y34l$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



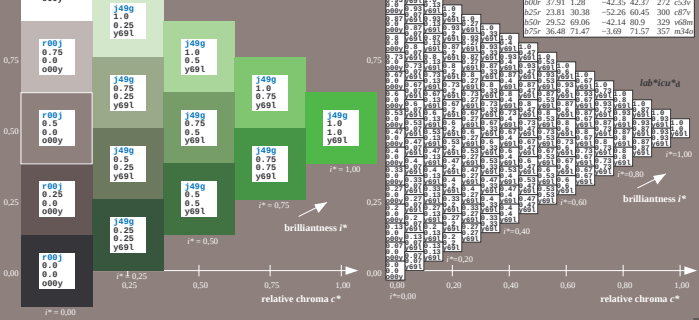
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.071$ data for any colour:
 $u^*_e = r00j$ $u^*_a = m8lo$
hue text:
 $u^*_e = r00j$ $u^*_a = m8lo$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



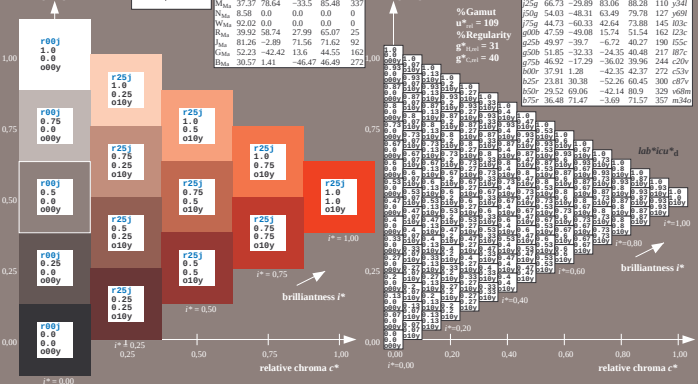
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.21$ data for any colour:
 $u^*_e = r75j$ $u^*_a = odyj$
hue text:
 $u^*_e = r75j$ $u^*_a = odyj$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



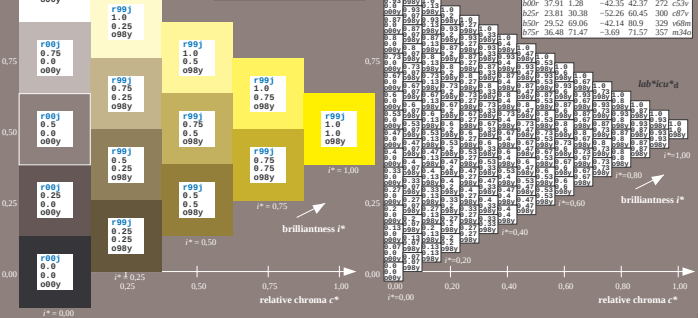
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.354$ data for any colour:
 $u^*_e = j50g$ $u^*_a = y60l$
hue text:
 $u^*_e = j50g$ $u^*_a = y60l$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



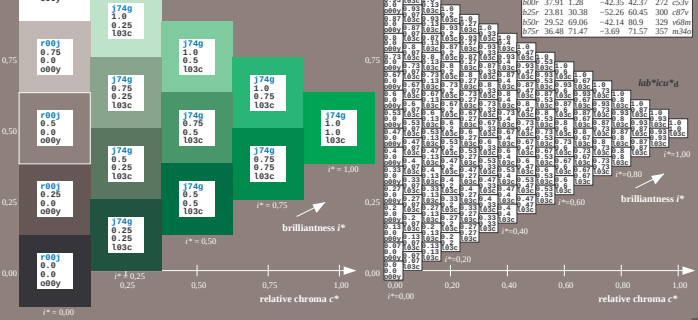
Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.117$ data for any colour:
 $u^*_e = r25j$ $u^*_a = o10y$
hue text:
 $u^*_e = r25j$ $u^*_a = o10y$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.256$ data for any colour:
 $u^*_e = j00g$ $u^*_a = odyj$
hue text:
 $u^*_e = j00g$ $u^*_a = odyj$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



Input and output: Colorimetric Printer Reflective System FR509_92a for relative CIELAB hue $h^* = \text{lab}^*h^* = h_{360}/360 = 0.402$ data for any colour:
 $u^*_e = j75g$ $u^*_a = l03c$
hue text:
 $u^*_e = j75g$ $u^*_a = l03c$
contrast reduction factor:
 $c^*_e = 1.0$
triangle lightness l^*



$u^*_e = r25j$ LAB^*LAB^*				
red (a)	CIELAB data			
	b^*_{490}	C^*_{490}	h^*_{490}	u^*_e
	30.17	70.15	25	$m10$
	49.45	73.64	42	$o10$
	64.89	75.79	59	$o40$
	82.83	85.52	76	$o69$
	108.03	108.62	92	$o98$
09	106.66	88.28	110	$y34$
1	63.49	79.78	127	$y69$
3	42.64	73.88	145	$y94$
9	15.74	51.54	162	$z34$
	-6.72	40.27	190	$z55$
3	-24.35	40.48	217	$z87$
9	-36.02	39.96	244	$z100$
	-42.35	42.37	272	$z113$
	-52.26	60.45	300	$z127$
	-62.44	80.93	328	$z140$



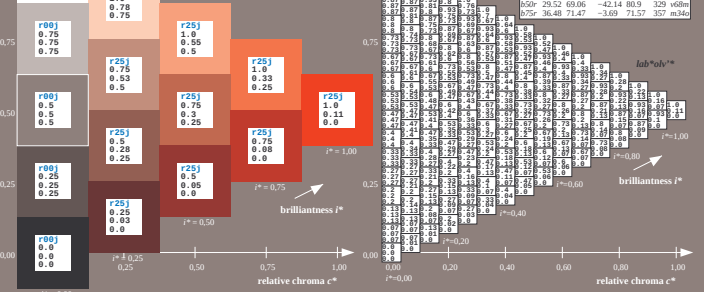
$u^*_{\text{e}} = j00g$ LAB^*LAB^*				
(d) CIELAB data				
	b^*_{a}	C^*_{ab}	h^*_{ab}	u^*_{e}
	30.17	70.15	25	m81
	49.45	73.64	42	o10
	64.89	75.79	59	o40
	82.83	85.52	76	o69
	108.53	108.62	92	o98
9	83.06	88.28	110	y34
1	63.49	79.78	127	y69
3	42.64	73.88	145	103a
8	15.74	51.54	162	123a
13	-6.72	40.27	190	155a
19	-24.35	40.48	217	187a
29	-36.02	39.96	244	c20
33	-42.35	42.37	272	c53
39	-52.26	60.45	300	c87



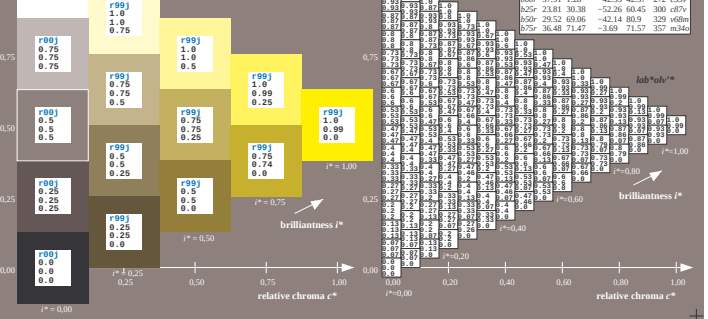
$u^*_{\text{c}} = j75g$ LAB ^a /LAB ^b				
red (a) CIELAB data				
	b^*_{a}	$C^*_{\text{a,b}}$	$h^*_{\text{a,b}}$	u^*_{c}
	30.17	70.15	25	m81
	49.45	73.64	42	o10
	64.89	75.79	59	o40
	82.83	85.52	76	o69
	108.53	108.62	92	o90
9	83.06	88.28	110	y34
1	63.49	79.78	127	y69
2	42.64	73.88	145	103a
3	15.74	51.54	162	123a
4	-6.72	40.27	190	155a
5	-24.35	40.48	217	187a
6	-36.02	39.96	244	202a
7	-42.35	42.37	272	c53
8	-52.26	60.45	300	c87



	$u^*_e = r25j$ $lab^{*}olv^{*}$		
α^*_e	α^*_s	α^*_d	
7	63.32	70.17	70.15
2	54.56	49.45	73.64
4	39.15	64.89	75.79
1	21.26	82.83	85.52
8	-4.38	108.53	108.62
3	-29.89	83.06	88.28
5	-48.81	63.49	79.78
6	-60.33	42.64	73.88
9	-49.08	16.74	51.54
7	-39.7	-5.72	40.27
5	-32.33	-24.35	40.48
2	-17.29	-36.02	39.96
1	1.28	-44.25	42.37
1	30.38	-52.26	60.45



$u^*_c = j00g$ $lab^{*}ol^{*}v^{*}$					
a ₂ adapted (a ₁) CIELAB data					
a^*_s	b^*_s	$C^*_{ab,s}$	$h^*_{ab,s}$	u^*_s	
7	63.32	30.17	70.15	25	m810
2	54.56	49.45	73.64	42	o10y
4	39.15	64.89	75.79	59	o40y
1	21.26	82.83	85.52	76	o69y
8	-4.38	108.53	108.62	92	o98y
3	-29.89	83.06	88.28	110	y34f
6	-48.31	63.49	79.78	127	o69y
3	-60.33	42.64	73.88	145	103c
9	-49.08	15.74	51.54	162	123c
7	-39.7	-6.72	40.27	190	155c
5	-32.33	-24.35	40.48	217	187c
2	-17.29	-36.02	39.96	244	c20v
1	1.78	-42.35	42.7	272	c50v



C ₁ a ₁ g		C ₂ a ₁ g		C ₃ a ₁ g		C ₄ a ₁ g		C ₅ a ₁ g		C ₆ a ₁ g		C ₇ a ₁ g		C ₈ a ₁ g		C ₉ a ₁ g		C ₁₀ a ₁ g		C ₁₁ a ₁ g		C ₁₂ a ₁ g		C ₁₃ a ₁ g		C ₁₄ a ₁ g		C ₁₅ a ₁ g		C ₁₆ a ₁ g		C ₁₇ a ₁ g		C ₁₈ a ₁ g		C ₁₉ a ₁ g		C ₂₀ a ₁ g		C ₂₁ a ₁ g		C ₂₂ a ₁ g		C ₂₃ a ₁ g		C ₂₄ a ₁ g		C ₂₅ a ₁ g		C ₂₆ a ₁ g		C ₂₇ a ₁ g		C ₂₈ a ₁ g		C ₂₉ a ₁ g		C ₃₀ a ₁ g		C ₃₁ a ₁ g		C ₃₂ a ₁ g		C ₃₃ a ₁ g		C ₃₄ a ₁ g		C ₃₅ a ₁ g		C ₃₆ a ₁ g		C ₃₇ a ₁ g		C ₃₈ a ₁ g		C ₃₉ a ₁ g		C ₄₀ a ₁ g		C ₄₁ a ₁ g		C ₄₂ a ₁ g		C ₄₃ a ₁ g		C ₄₄ a ₁ g		C ₄₅ a ₁ g		C ₄₆ a ₁ g		C ₄₇ a ₁ g		C ₄₈ a ₁ g		C ₄₉ a ₁ g		C ₅₀ a ₁ g		C ₅₁ a ₁ g		C ₅₂ a ₁ g		C ₅₃ a ₁ g		C ₅₄ a ₁ g		C ₅₅ a ₁ g		C ₅₆ a ₁ g		C ₅₇ a ₁ g		C ₅₈ a ₁ g		C ₅₉ a ₁ g		C ₆₀ a ₁ g		C ₆₁ a ₁ g		C ₆₂ a ₁ g		C ₆₃ a ₁ g		C ₆₄ a ₁ g		C ₆₅ a ₁ g		C ₆₆ a ₁ g		C ₆₇ a ₁ g		C ₆₈ a ₁ g		C ₆₉ a ₁ g		C ₇₀ a ₁ g		C ₇₁ a ₁ g		C ₇₂ a ₁ g		C ₇₃ a ₁ g		C ₇₄ a ₁ g		C ₇₅ a ₁ g		C ₇₆ a ₁ g		C ₇₇ a ₁ g		C ₇₈ a ₁ g		C ₇₉ a ₁ g		C ₈₀ a ₁ g		C ₈₁ a ₁ g		C ₈₂ a ₁ g		C ₈₃ a ₁ g		C ₈₄ a ₁ g		C ₈₅ a ₁ g		C ₈₆ a ₁ g		C ₈₇ a ₁ g		C ₈₈ a ₁ g		C ₈₉ a ₁ g		C ₉₀ a ₁ g		C ₉₁ a ₁ g		C ₉₂ a ₁ g		C ₉₃ a ₁ g		C ₉₄ a ₁ g		C ₉₅ a ₁ g		C ₉₆ a ₁ g		C ₉₇ a ₁ g		C ₉₈ a ₁ g		C ₉₉ a ₁ g		C ₁₀₀ a ₁ g		C ₁₀₁ a ₁ g		C ₁₀₂ a ₁ g		C ₁₀₃ a ₁ g		C ₁₀₄ a ₁ g		C ₁₀₅ a ₁ g		C ₁₀₆ a ₁ g		C ₁₀₇ a ₁ g		C ₁₀₈ a ₁ g		C ₁₀₉ a ₁ g		C ₁₁₀ a ₁ g		C ₁₁₁ a ₁ g		C ₁₁₂ a ₁ g		C ₁₁₃ a ₁ g		C ₁₁₄ a ₁ g		C ₁₁₅ a ₁ g		C ₁₁₆ a ₁ g		C ₁₁₇ a ₁ g		C ₁₁₈ a ₁ g		C ₁₁₉ a ₁ g		C ₁₂₀ a ₁ g		C ₁₂₁ a ₁ g		C ₁₂₂ a ₁ g		C ₁₂₃ a ₁ g		C ₁₂₄ a ₁ g		C ₁₂₅ a ₁ g		C ₁₂₆ a ₁ g		C ₁₂₇ a ₁ g		C ₁₂₈ a ₁ g		C ₁₂₉ a ₁ g		C ₁₃₀ a ₁ g		C ₁₃₁ a ₁ g		C ₁₃₂ a ₁ g		C ₁₃₃ a ₁ g		C ₁₃₄ a ₁ g		C ₁₃₅ a ₁ g		C ₁₃₆ a ₁ g		C ₁₃₇ a ₁ g		C ₁₃₈ a ₁ g		C ₁₃₉ a ₁ g		C ₁₄₀ a ₁ g		C ₁₄₁ a ₁ g		C ₁₄₂ a ₁ g		C ₁₄₃ a ₁ g		C ₁₄₄ a ₁ g		C ₁₄₅ a ₁ g		C ₁₄₆ a ₁ g		C ₁₄₇ a ₁ g		C ₁₄₈ a ₁ g		C ₁₄₉ a ₁ g		C ₁₅₀ a ₁	
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