



Input and output: Colorimetric Printer Reflective System FR509\_92aM  
 data for any colour:  
 $lab^{*}ch^{*}$  and  $lab^{*}icu^{*}$   
 elementary hue text:  
 $u^{*} = 16$  hues  $r^{10}$ ,  $r^{25}$ , ...,  $b^{75}$   
 contrast reduction factor:  
 $c_{R} = 1.0$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	

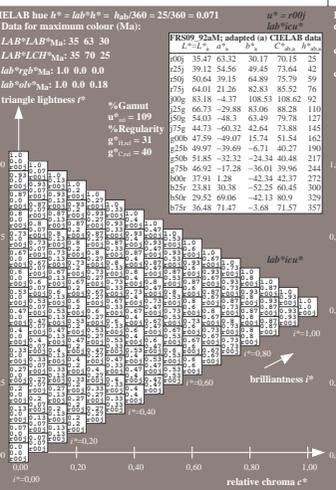
FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	

Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 25/360 = 0.071$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 35 63 30  
 $LAB^{*}LCH^{*}$ : 35 63 30  
 $lab^{*}rgb^{*}$ Ma: 1.0 0.0 0.0  
 $lab^{*}yrb^{*}$ Ma: 1.0 0.0 0.18  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{10}$   
 elementary hue text:  
 $u^{*} = r^{10}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

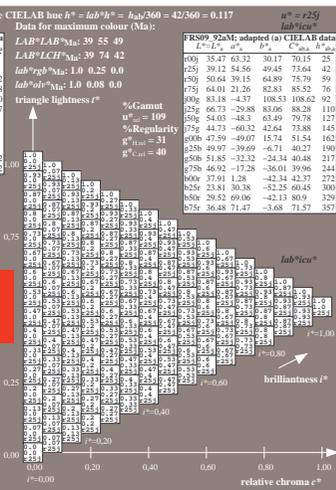
O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	



Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 42/360 = 0.117$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 39 55 49  
 $LAB^{*}LCH^{*}$ : 39 55 49  
 $lab^{*}rgb^{*}$ Ma: 1.0 0.25 0.0  
 $lab^{*}yrb^{*}$ Ma: 1.0 0.08 0.0  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{25}$   
 elementary hue text:  
 $u^{*} = r^{25}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	



Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 59/360 = 0.164$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 51 76 59  
 $LAB^{*}LCH^{*}$ : 51 76 59  
 $lab^{*}rgb^{*}$ Ma: 1.0 0.5 0.0  
 $lab^{*}yrb^{*}$ Ma: 1.0 0.32 0.0  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{50}$   
 elementary hue text:  
 $u^{*} = r^{50}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	

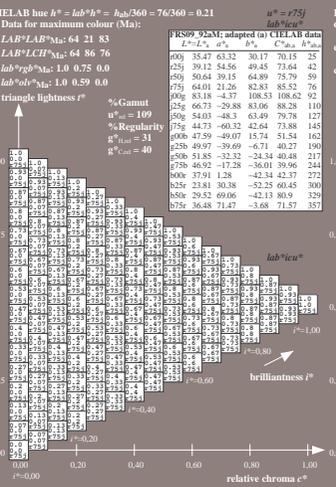
FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	

Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 76/360 = 0.21$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 64 21 83  
 $LAB^{*}LCH^{*}$ : 64 21 83  
 $lab^{*}rgb^{*}$ Ma: 1.0 0.75 0.0  
 $lab^{*}yrb^{*}$ Ma: 1.0 0.59 0.0  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{75}$   
 elementary hue text:  
 $u^{*} = r^{75}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

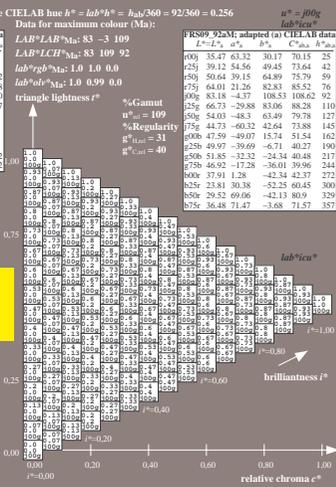
O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	



Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 92/360 = 0.256$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 83 109 92  
 $LAB^{*}LCH^{*}$ : 83 109 92  
 $lab^{*}rgb^{*}$ Ma: 1.0 1.0 0.0  
 $lab^{*}yrb^{*}$ Ma: 1.0 0.99 0.0  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{100}$   
 elementary hue text:  
 $u^{*} = r^{100}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36	
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93	
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142	
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228	
B <sub>90</sub>	64.01	21.26	82.83	85.52	76	
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92	
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127	
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337	
N <sub>90</sub>	8.58	0.0	0.0	0.0	0	
Wo <sub>90</sub>	92.02	0.0	0.0	0.0	0	
Wo <sub>90</sub>	39.92	58.74	27.99	65.07	25	
R <sub>90</sub>	40.75	-49.07	15.74	51.54	162	
Rc <sub>90</sub>	39.92	58.74	27.99	65.07	25	
Rc <sub>90</sub>	81.26	-2.88	71.56	71.62	92	
Rc <sub>90</sub>	67.98	-46.92	-17.28	-36.01	3996	244
Rc <sub>90</sub>	30.57	1.41	-46.46	46.49	272	



Input and output: Colorimetric Printer Reflective System FR509\_92aM for relative CIELAB hue  $h^{*} = lab^{*}h^{*} = h_{90}/360 = 110/360 = 0.305$   
 Data for maximum colour (Ma):  
 $LAB^{*}LAB^{*}$ : 67 29 83  
 $LAB^{*}LCH^{*}$ : 67 29 83  
 $lab^{*}rgb^{*}$ Ma: 0.75 1.0 0.0  
 $lab^{*}yrb^{*}$ Ma: 0.57 1.0 0.0  
 contrast reduction factor:  
 $c_{R} = 1.0$   
 triangle lightness  $l^{*}$   
 $u^{*} = r^{250}$   
 elementary hue text:  
 $u^{*} = r^{250}$

FR509\_92aM adapted (a) CIELAB data  
 $L^{*}L^{*}a^{*}a^{*}$   $u^{*}$   $C_{90}$   $C_{90}^{*}$   $H_{90}$   $H_{90}^{*}$

O <sub>90</sub>	35.06	60.0	44.0	74.4	36
Y <sub>90</sub>	83.77	-5.16	109.32	109.44	93
M <sub>90</sub>	44.13	-62.66	48.24	79.09	142
C <sub>90</sub>	52.66	-29.13	-31.98	43.27	228
B <sub>90</sub>	64.01	21.26	82.83	85.52	76
Bl <sub>90</sub>	83.18	-4.37	108.53	108.62	92
G <sub>90</sub>	54.03	-48.3	63.49	79.78	127
Gr <sub>90</sub>	37.37	78.64	-33.49	85.48	337
N <sub>90</sub>	8.58	0.0	0.0	0.0	0
Wo <sub>90</sub>					

