Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ $u^*_e = g00b$

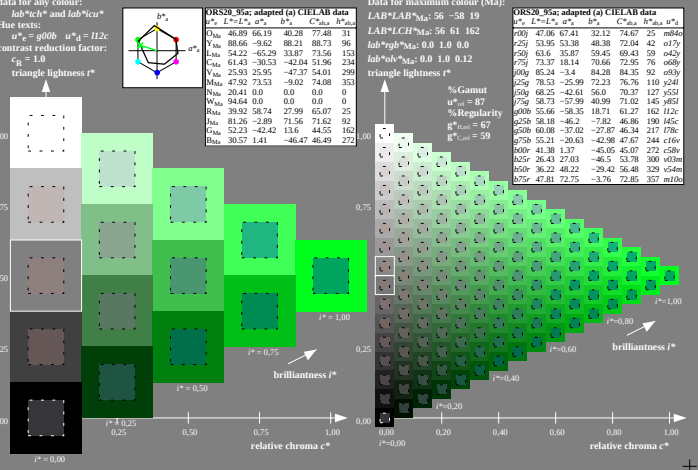
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g00b$ $u^*_d = l12c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 56 −58 19 $LAB^*LCH^*_{Ma}$: 56 61 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.12

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ $u^*_e = g25b$

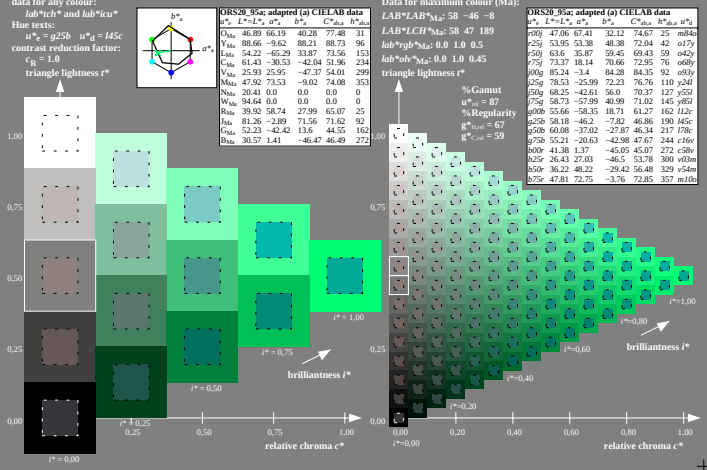
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g25b$ $u^*_d = l45c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −46 −8 $LAB^*LCH^*_{Ma}$: 58 47 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.45

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ $u^*_e = g50b$

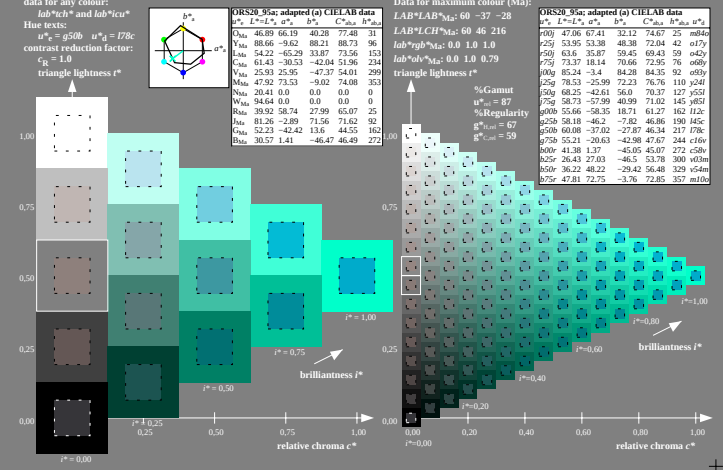
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g50b$ $u^*_d = l78c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 60 −37 −28 $LAB^*LCH^*_{Ma}$: 60 46 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.79

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ $u^*_e = g75b$

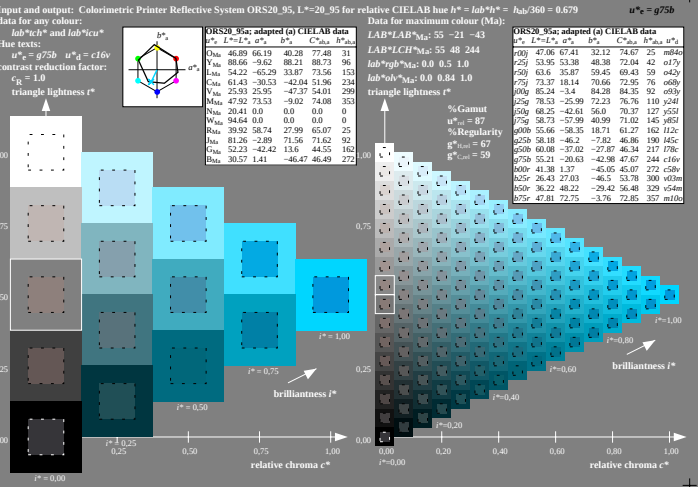
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g75b$ $u^*_d = c16v$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −21 −43 $LAB^*LCH^*_{Ma}$: 55 48 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.84 1.0

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ $u^*_e = b00r$

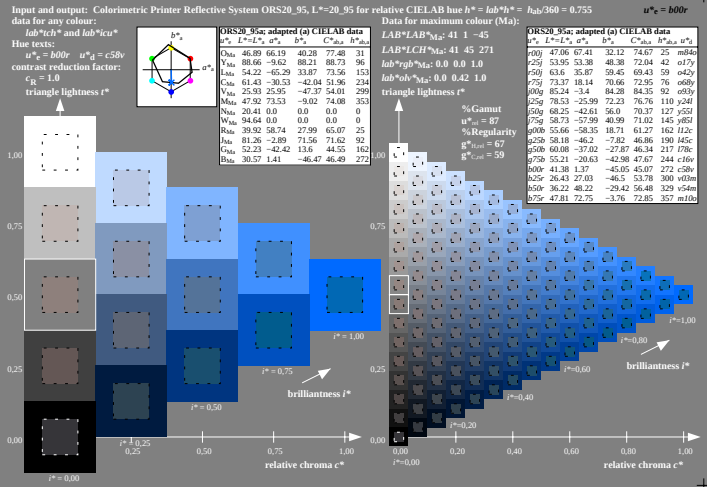
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 41 1 −45 $LAB^*LCH^*_{Ma}$: 41 45 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.42 1.0

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ $u^*_e = b25r$

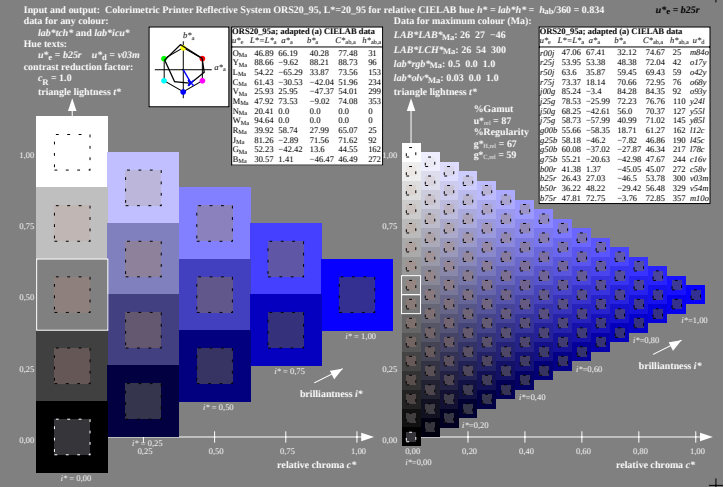
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b25r$ $u^*_d = v03m$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 27 −46 $LAB^*LCH^*_{Ma}$: 26 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.03 0.0 1.0

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ $u^*_e = b50r$

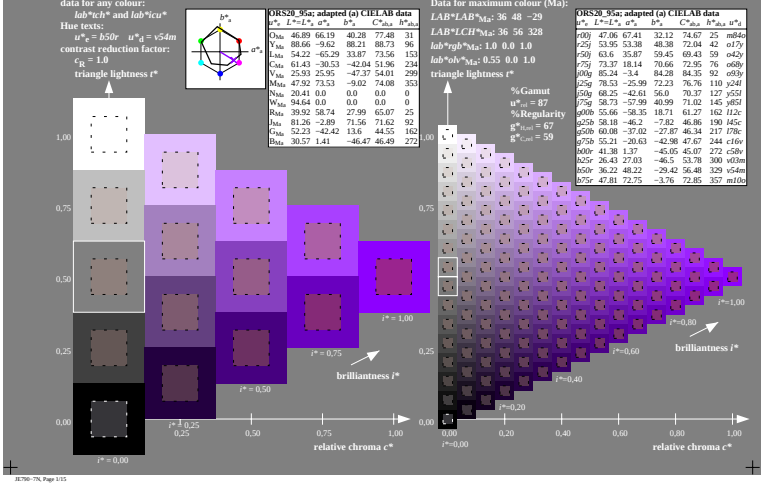
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b50r$ $u^*_d = v54m$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 36 48 −29 $LAB^*LCH^*_{Ma}$: 36 56 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.55 0.0 1.0

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ $u^*_e = b75r$

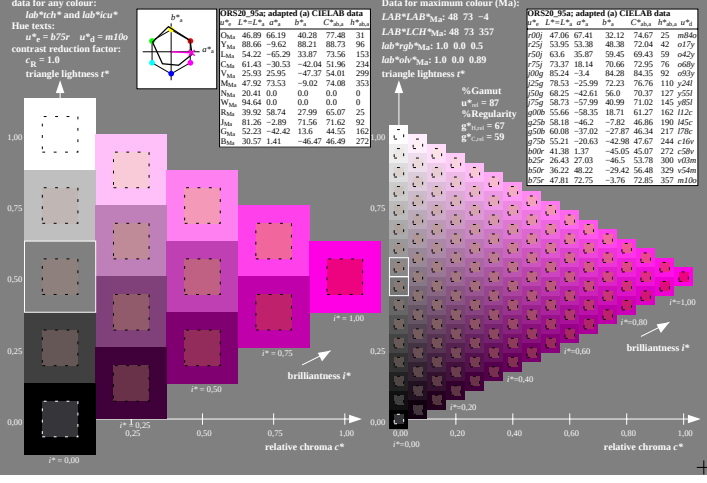
data for any colour: lab^*tch^* and lab^*icu^*

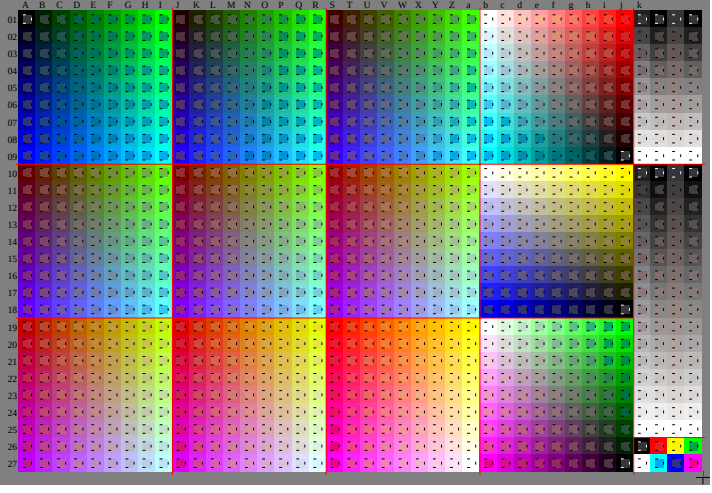
Hue texts: $u^*_e = b75r$ $u^*_d = m10o$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 73 −4 $LAB^*LCH^*_{Ma}$: 48 73 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.89

%Gamut $u^*_{ri} = 87$ %Regularity $g^*_{Lrel} = 67$ $g^*_{Crel} = 59$





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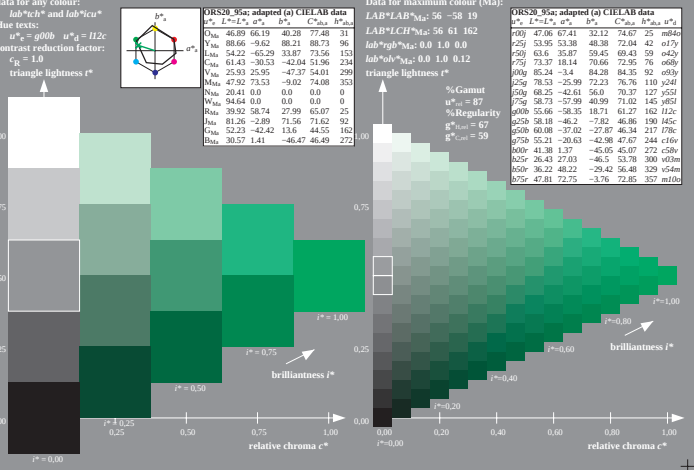
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_E = g00b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g00b$ $u^*_d = l12c$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 56 −58 19 $LAB^*LCH^*_{Ma}$: 56 61 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.12



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

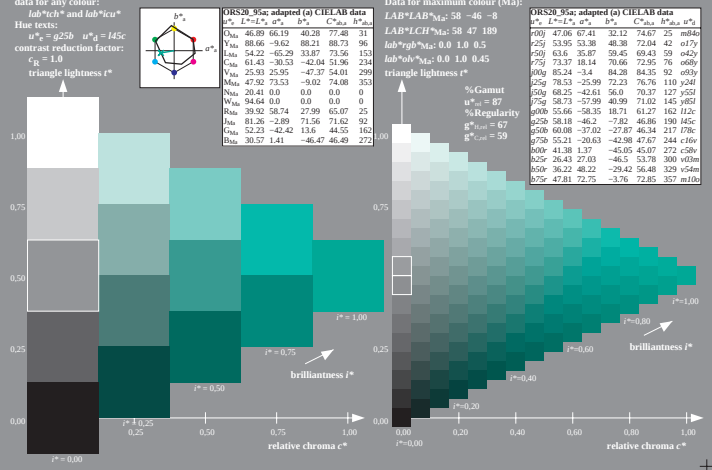
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_E = g25b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g25b$ $u^*_d = l45c$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −46 −8 $LAB^*LCH^*_{Ma}$: 58 47 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.45



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

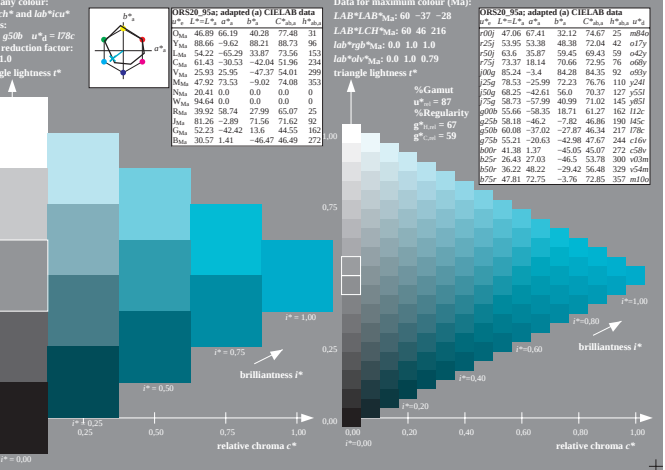
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_E = g50b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g50b$ $u^*_d = l78c$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 60 −37 −28 $LAB^*LCH^*_{Ma}$: 60 46 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.79



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

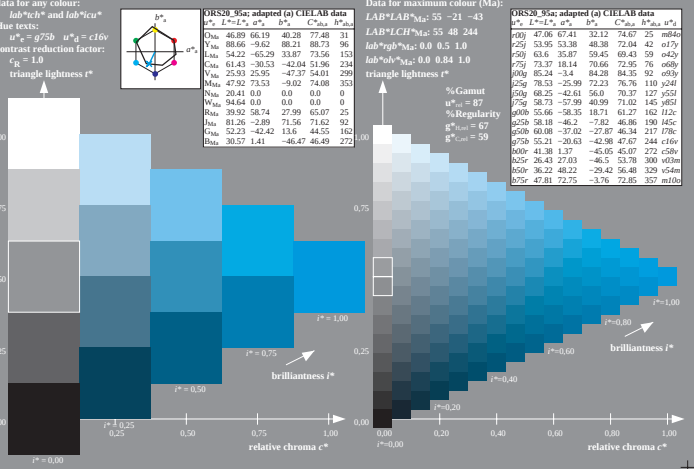
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_E = g75b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = g75b$ $u^*_d = c16v$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −21 −43 $LAB^*LCH^*_{Ma}$: 55 48 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.84 1.0



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

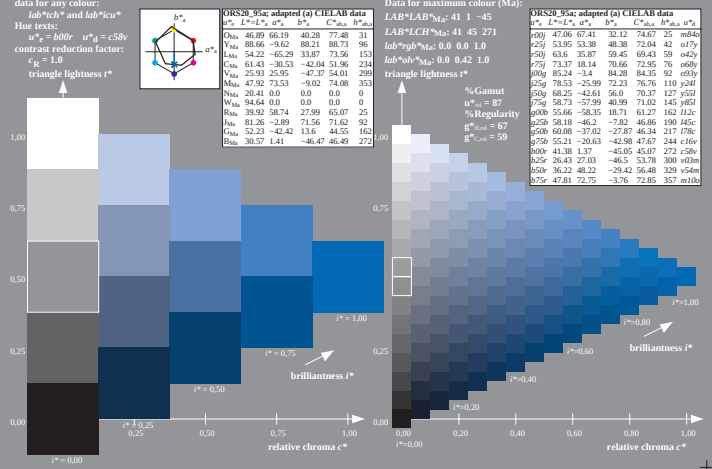
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_E = b00r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b00r$ $u^*_d = c58v$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 41 1 −45 $LAB^*LCH^*_{Ma}$: 41 45 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.42 1.0



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

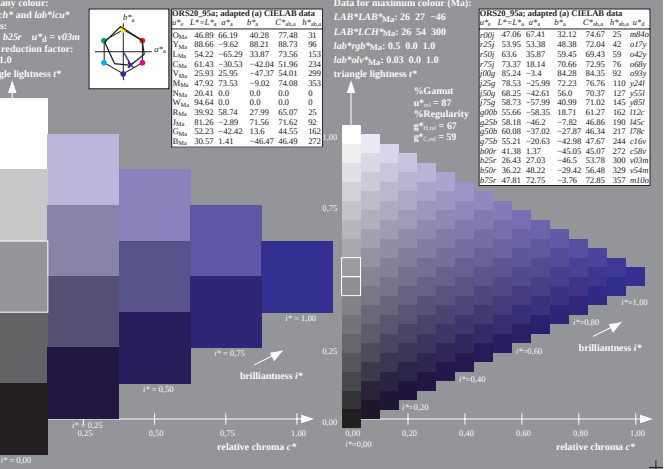
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_E = b25r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b25r$ $u^*_d = v03m$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 27 −46 $LAB^*LCH^*_{Ma}$: 26 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.03 0.0 1.0



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

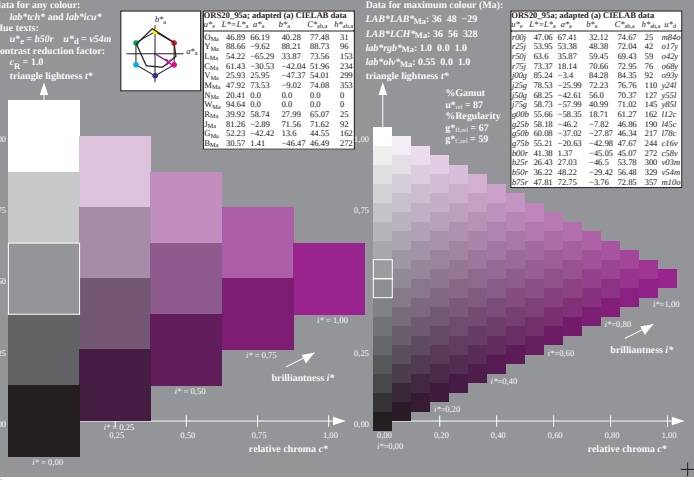
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_E = b50r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b50r$ $u^*_d = v54m$

contrast reduction factor: $c_{tg} = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 36 48 −29 $LAB^*LCH^*_{Ma}$: 36 56 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.55 0.0 1.0



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	

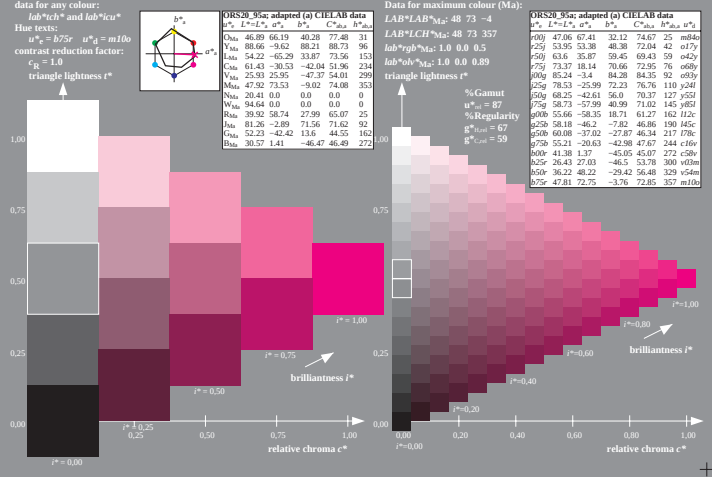
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_E = b75r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_E = b75r$ $u^*_d = m10o$

contrast reduction factor: $c_{tg} = 1.0$

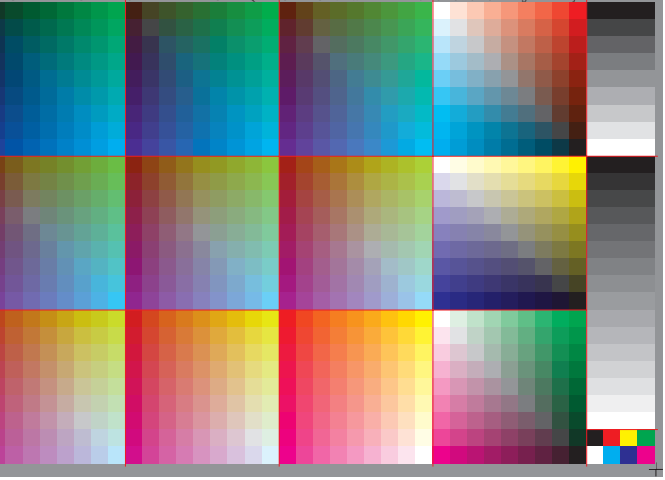
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 73 −4 $LAB^*LCH^*_{Ma}$: 48 73 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.89



ORS20_95a; adapted (a) CIELAB data

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
O_{Mn}	46.89	66.19	40.28	77.48	31		
V_{Mn}	88.66	−9.62	88.21	88.73	96		
L_{Mn}	54.22	−65.29	33.87	73.56	153		
C_{Mn}	61.43	−30.53	−42.04	51.96	234		
V_{Mx}	25.93	25.95	−47.37	54.01	299		
M_{Mx}	47.92	73.53	−9.02	74.08	353		
N_{Mx}	20.41	0.0	0.0	0.0	0		
W_{Mx}	94.64	0.0	0.0	0.0	0		
R_{Mx}	39.92	58.74	27.99	65.07	25		
J_{Mx}	81.26	−2.89	71.56	71.62	92		
G_{Mx}	52.23	−42.42	13.6	44.55	162		
B_{Mx}	30.57	1.41	−46.47	46.49	272		

	u^*_E	$L^*=L^*_E$	a^*_E	b^*_E	$C^*_{ab,E}$	$h^*_{ab,E}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o	
r25j	53.95	53.38	48.38	72.04	42	o17y	
r50j	63.6	35.87	59.45	69.43	59	o42y	
r75j	73.37	18.14	70.66	72.95	76	o68y	
y00y	85.24	−3.4	84.28	84.35	92	o93y	
y25g	78.53	−25.99	72.23	76.76	110	y24l	
y50g	68.25	−42.61	56.0	70.37	127	y55l	
y75g	58.73	−57.99	40.99	71.02	145	y85l	
g00b	55.66	−58.35	18.71	61.27	162	l12c	
g25b	58.18	−46.2	−7.82	46.86	190	l45c	
g50b	60.08	−37.02	−27.87	46.34	217	l78c	
g75b	55.21	−20.63	−42.98	47.67	244	c16v	
b00r	41.38	1.37	−45.05	45.07	272	c58v	
b25r	26.43	27.03	−46.5	53.78	300	v03m	
b50r	36.22	48.22	−29.42	56.48	329	v54m	
b75r	47.81	72.75	−3.76	72.85	357	m10o	



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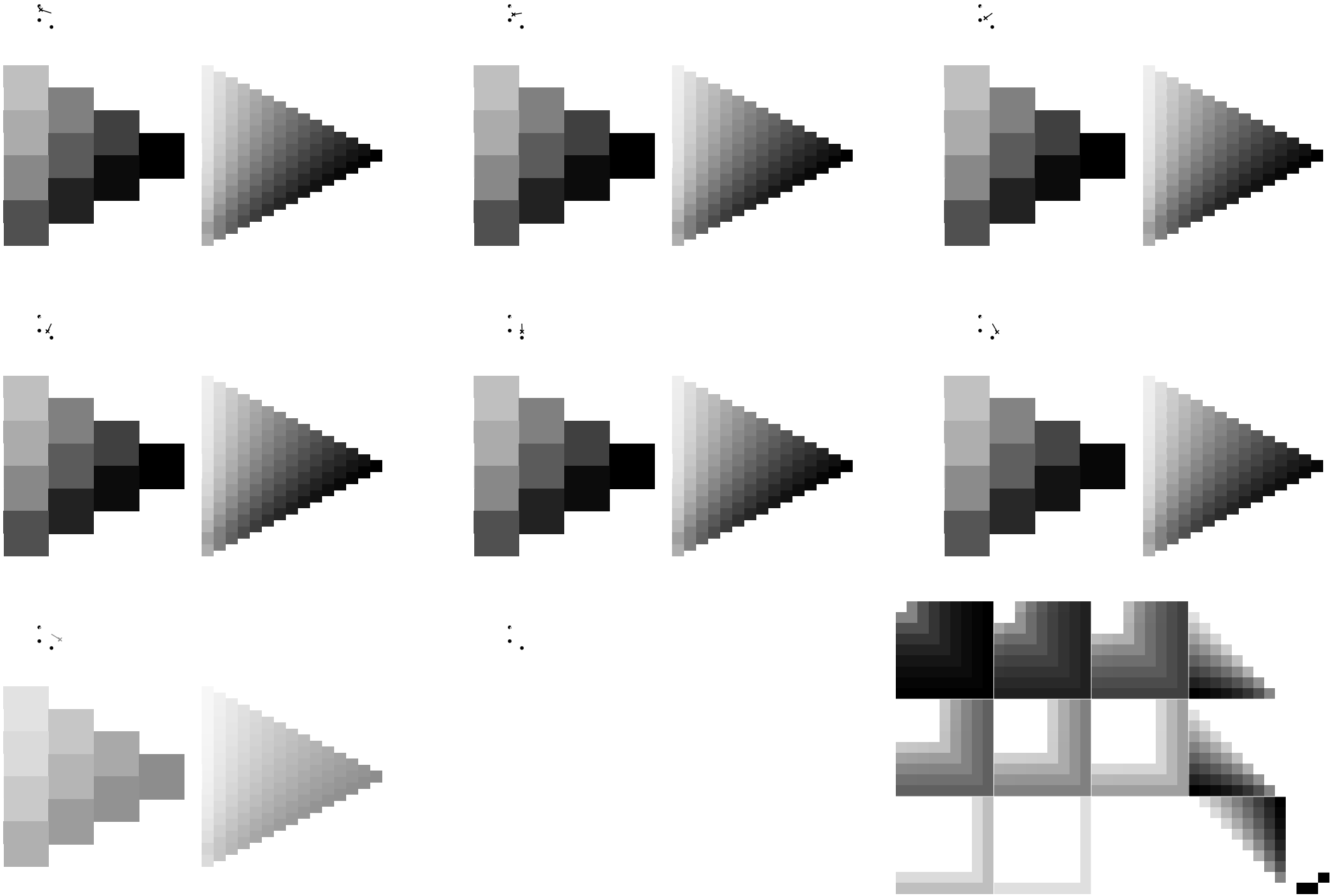
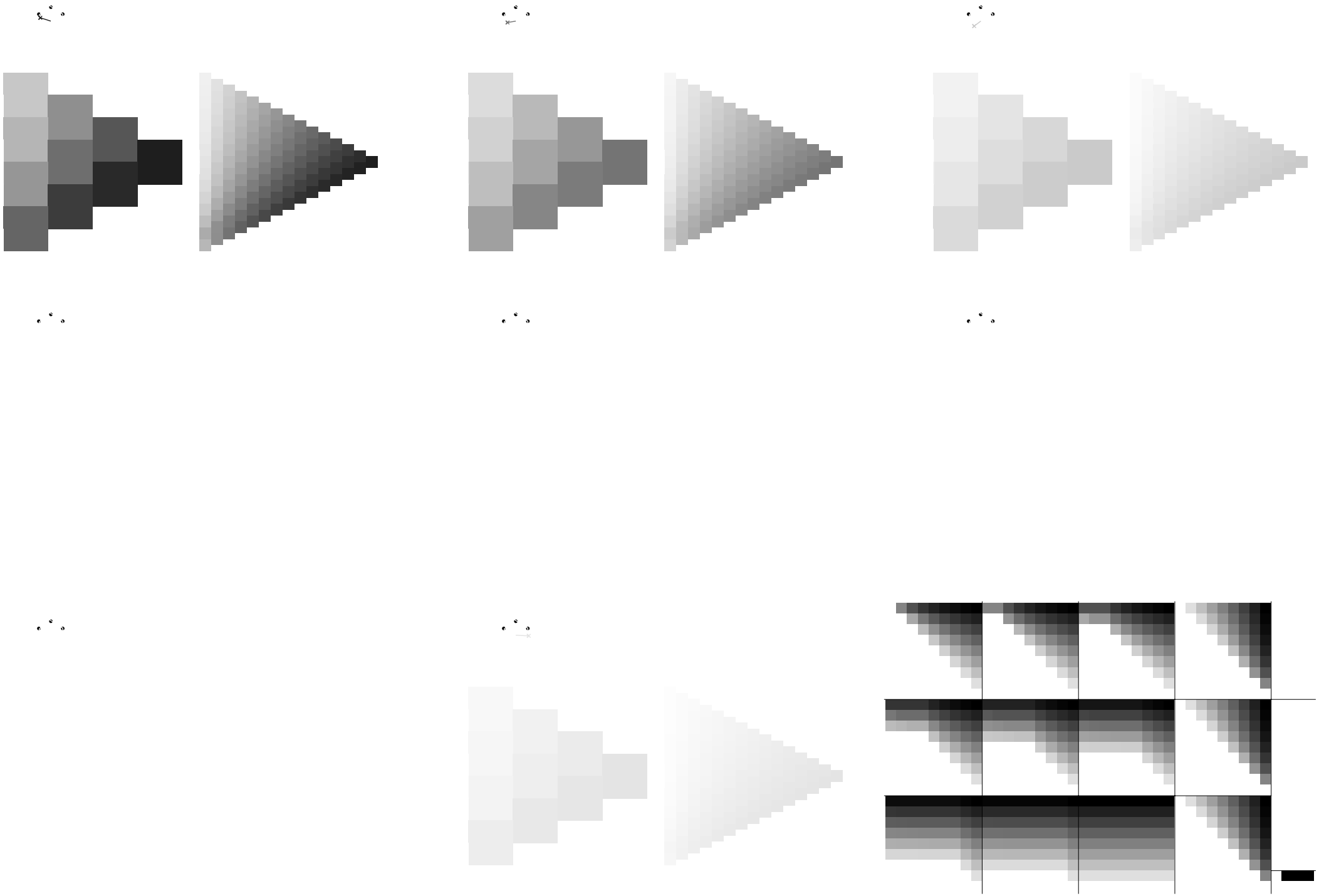
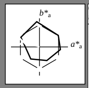




Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ **u^*_e = *g00b***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *g00b* u^*_d = *l12c*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

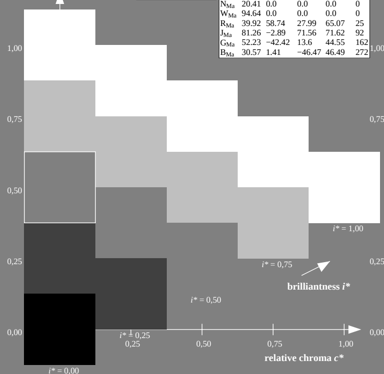


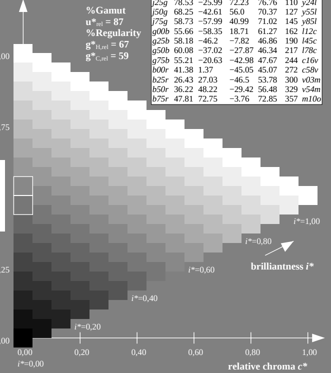
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 56 −58 19
*LAB*LCH**$_{Ma}$: 56 61 162
*lab*rgb**$_{Ma}$: 0.0 1.0 0.0
*lab*olv**$_{Ma}$: 0.0 1.0 0.12
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

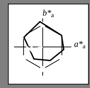
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ **u^*_e = *g25b***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *g25b* u^*_d = *l45c*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

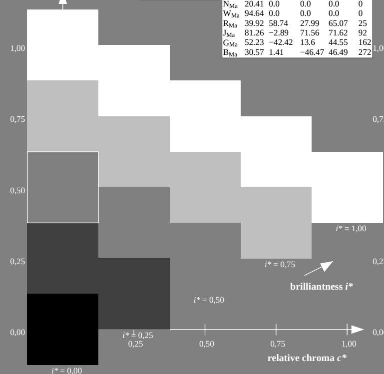


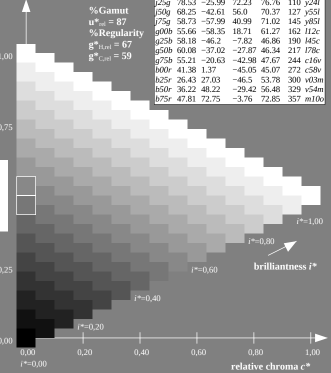
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 58 −46 −8
*LAB*LCH**$_{Ma}$: 58 47 189
*lab*rgb**$_{Ma}$: 0.0 1.0 0.5
*lab*olv**$_{Ma}$: 0.0 1.0 0.45
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

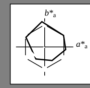
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ **u^*_e = *g50b***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *g50b* u^*_d = *l78c*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

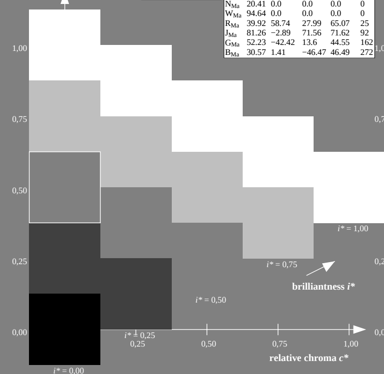


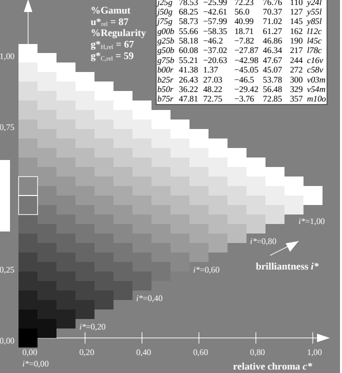
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 60 −37 −28
*LAB*LCH**$_{Ma}$: 60 46 216
*lab*rgb**$_{Ma}$: 0.0 1.0 1.0
*lab*olv**$_{Ma}$: 0.0 1.0 0.79
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

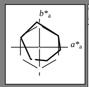
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ **u^*_e = *g75b***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *g75b* u^*_d = *c16v*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

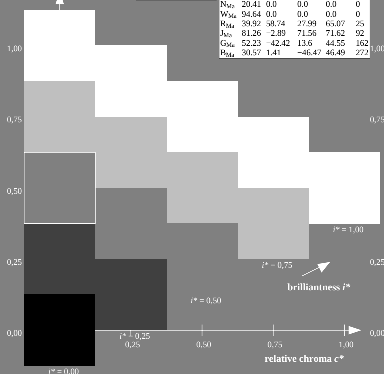


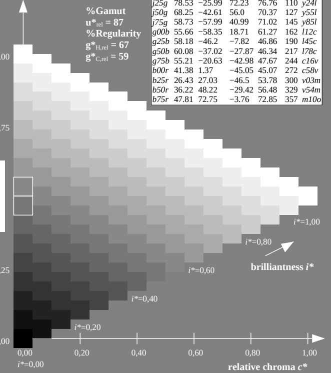
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 55 −21 −43
*LAB*LCH**$_{Ma}$: 55 48 244
*lab*rgb**$_{Ma}$: 0.0 0.5 1.0
*lab*olv**$_{Ma}$: 0.0 0.84 1.0
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

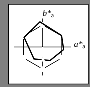
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ **u^*_e = *b00r***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *b00r* u^*_d = *c58v*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

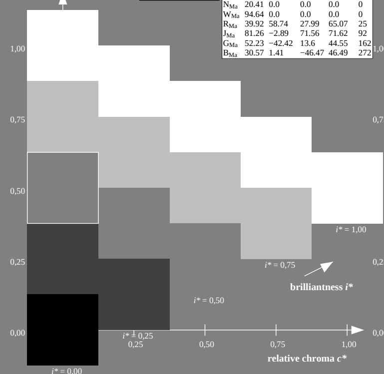


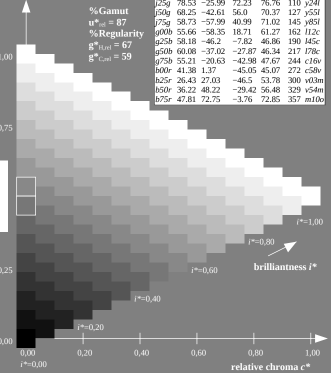
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 41 1 −45
*LAB*LCH**$_{Ma}$: 41 45 271
*lab*rgb**$_{Ma}$: 0.0 0.0 1.0
*lab*olv**$_{Ma}$: 0.0 0.42 1.0
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

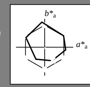
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ **u^*_e = *b25r***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *b25r* u^*_d = *v03m*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

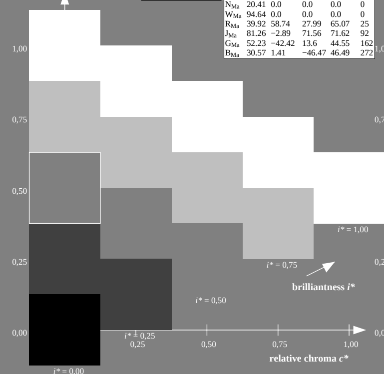


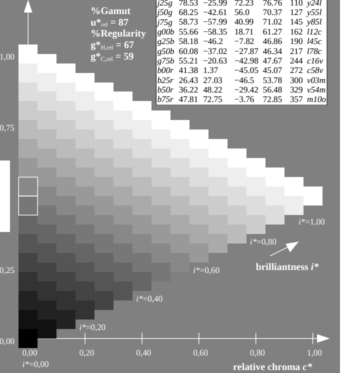
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 26 27 −46
*LAB*LCH**$_{Ma}$: 26 54 300
*lab*rgb**$_{Ma}$: 0.5 0.0 1.0
*lab*olv**$_{Ma}$: 0.03 0.0 1.0
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

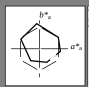
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ **u^*_e = *b50r***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *b50r* u^*_d = *v54m*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

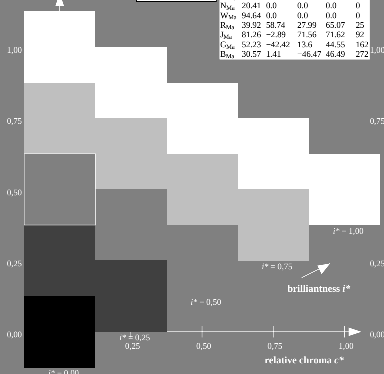


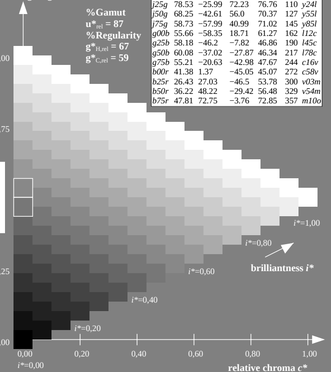
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 36 48 −29
*LAB*LCH**$_{Ma}$: 36 56 328
*lab*rgb**$_{Ma}$: 1.0 0.0 1.0
*lab*olv**$_{Ma}$: 0.55 0.0 1.0
triangle lightness t^*

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

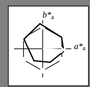
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ **u^*_e = *b75r***

data for any colour:
*lab*tch** and *lab*icu**
Hue texts:
u^*_e = *b75r* u^*_d = *m10o*
contrast reduction factor:
$c_R = 1.0$
triangle lightness t^*

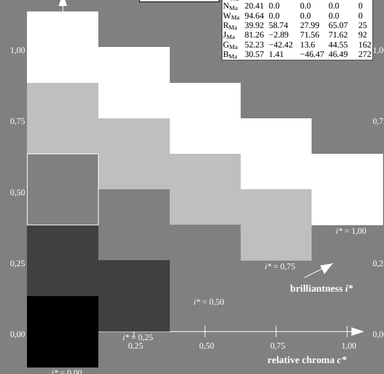


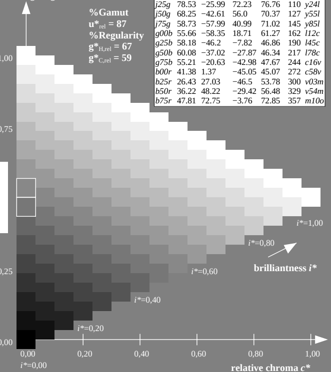
ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

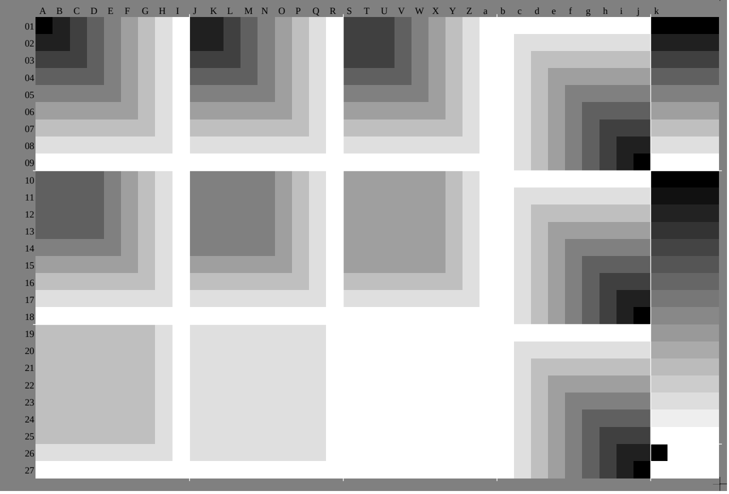
Data for maximum colour (Ma):
*LAB*LAB**$_{Ma}$: 48 73 −4
*LAB*LCH**$_{Ma}$: 48 73 357
*lab*rgb**$_{Ma}$: 1.0 0.0 0.5
*lab*olv**$_{Ma}$: 1.0 0.0 0.89
triangle lightness t^*

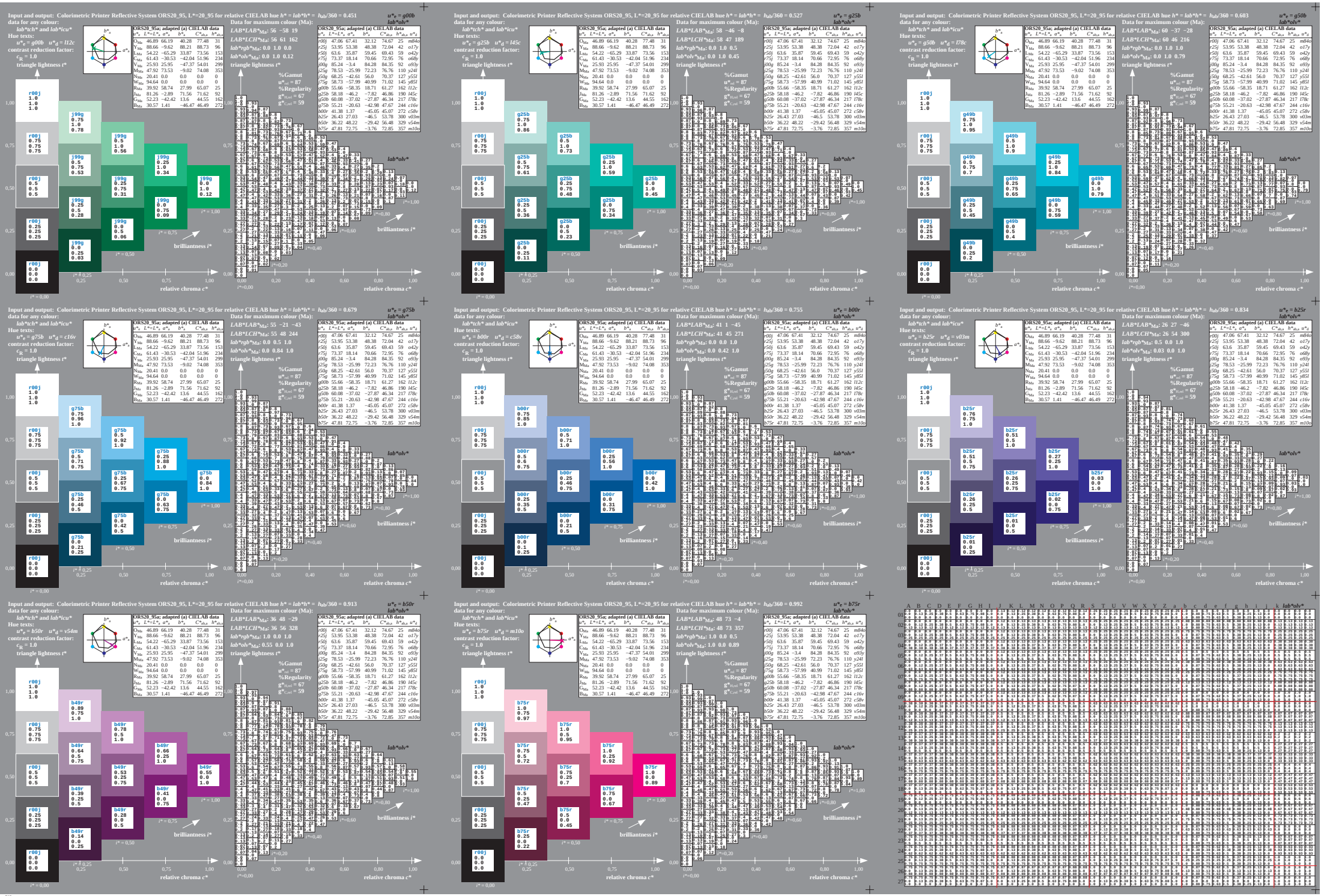
ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	*m84o*
r25j	53.95	53.38	48.38	72.04	42	*o17y*
r50j	63.6	35.87	59.45	69.43	59	*o42y*
r75j	73.37	18.14	70.66	72.95	76	*o68y*
j00g	85.24	−3.4	84.28	84.35	92	*o93y*
j25g	78.53	−25.99	72.23	76.76	110	*y24l*
j50g	68.25	−42.61	56.0	70.37	127	*y55l*
j75g	58.73	−57.99	40.99	71.02	145	*y85l*
g00b	55.66	−58.35	18.71	61.27	162	*l12c*
g25b	58.18	−46.2	−7.82	46.86	190	*l45c*
g50b	60.08	−37.02	−27.87	46.34	217	*l78c*
g75b	55.21	−20.63	−42.98	47.67	244	*c16v*
b00r	41.38	1.37	−45.05	45.07	272	*c58v*
b25r	26.43	27.03	−46.5	53.78	300	*v03m*
b50r	36.22	48.22	−29.42	56.48	329	*v54m*
b75r	47.81	72.75	−3.76	72.85	357	*m10o*

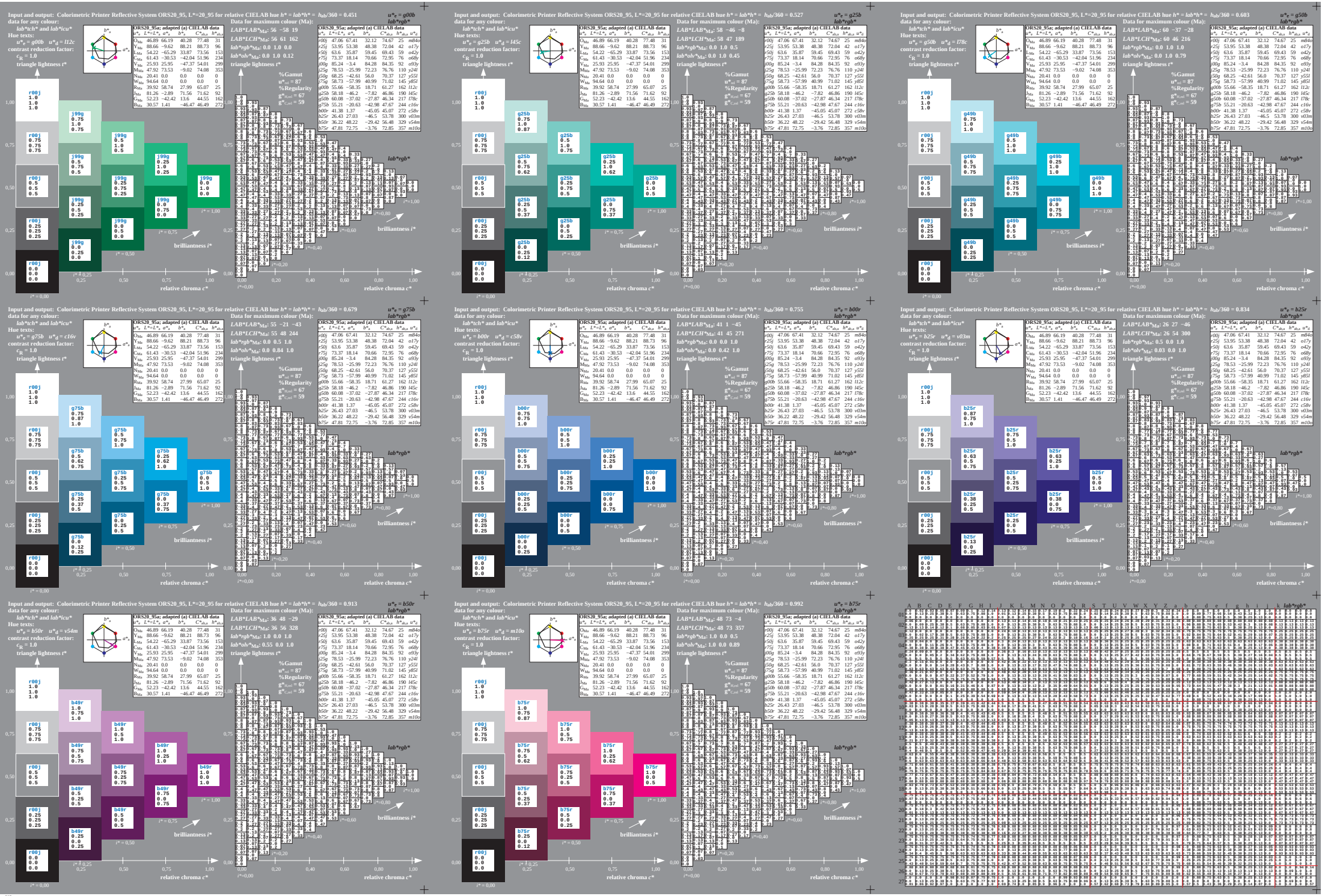
%Gamut
$u^*_{rel} = 87$
%Regularity
$g^*_{H,rel} = 67$
$g^*_{C,rel} = 59$

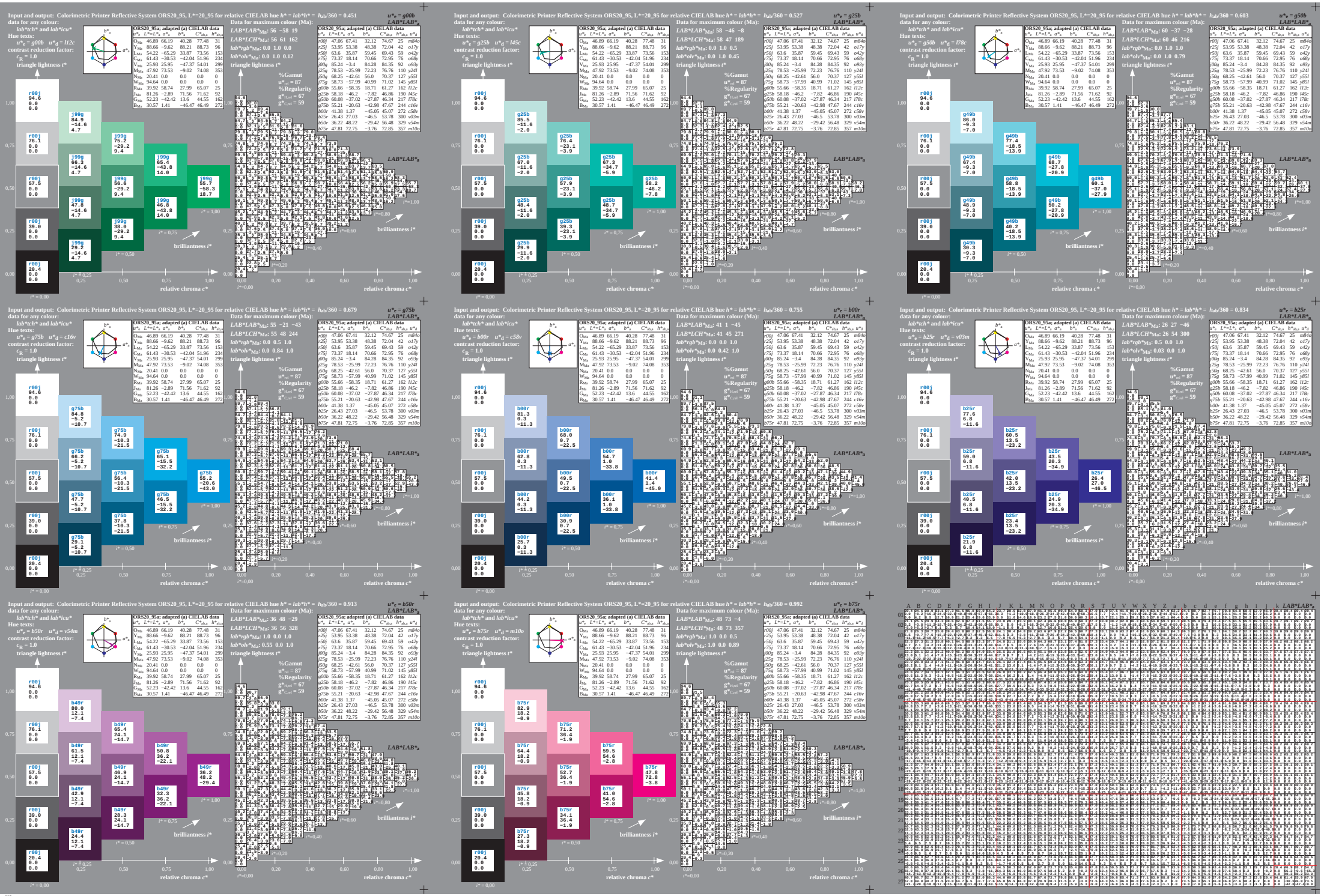







Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g00b u*d = I12c
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 56 -58 19 LAB*LCH*Ma: 56 61 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.12
u*e = g00b lab*olv*
ORS20_95a; adapted (a) CIELAB data
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=67 g*C=59
triangle lightness t*
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g25b u*d = I45c
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 58 -46 -8 LAB*LCH*Ma: 58 47 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.45
u*e = g25b lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g50b u*d = I78c
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 60 -37 -28 LAB*LCH*Ma: 60 46 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.79
u*e = g50b lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g75b u*d = c16v
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 55 -21 -43 LAB*LCH*Ma: 55 48 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.84 1.0
u*e = g75b lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b00r u*d = c58v
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 41 1 -45 LAB*LCH*Ma: 41 45 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.42 1.0
u*e = b00r lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b25r u*d = v03m
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 26 27 -46 LAB*LCH*Ma: 26 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.03 0.0 1.0
u*e = b25r lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b50r u*d = v54m
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 36 48 -29 LAB*LCH*Ma: 36 56 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.55 0.0 1.0
u*e = b50r lab*olv*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b75r u*d = m10o
contrast reduction factor: rg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 48 73 -4 LAB*LCH*Ma: 48 73 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.89
u*e = b75r lab*olv*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g00b u*d = l12c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 56 −58 19 LAB*LCH*Ma: 56 61 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.12
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = g00b lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g25b u*d = l45c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 58 −46 −8 LAB*LCH*Ma: 58 47 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.45
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = g25b lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g50b u*d = l78c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 60 −37 −28 LAB*LCH*Ma: 60 46 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.79
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = g50b lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = g75b u*d = c16v
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −21 −43 LAB*LCH*Ma: 55 48 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.84 1.0
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = g75b lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b00r u*d = c58v
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 41 1 −45 LAB*LCH*Ma: 41 45 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.42 1.0
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = b00r lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b25r u*d = v03m
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 26 27 −46 LAB*LCH*Ma: 26 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.03 0.0 1.0
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = b25r lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b50r u*d = v54m
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 36 48 −29 LAB*LCH*Ma: 36 56 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.55 0.0 1.0
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = b50r lab*rgb*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
data for any colour: lab*tc* and lab*icu*
Hue texts: u*e = b75r u*d = m10o
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 48 73 −4 LAB*LCH*Ma: 48 73 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.89
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
u*e = b75r lab*rgb*
ORS20_95a; adapted (a) CIELAB data
relative chroma c*
brilliantness i*
lab*rgb*


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.451
u*e = g00b LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g00b u*d = I12c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 56 −58 19
LAB*LCH*Ma: 56 61 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.12
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.527
u*e = g25b LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g25b u*d = I45c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 58 −46 −8
LAB*LCH*Ma: 58 47 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.45
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.603
u*e = g50b LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g50b u*d = I78c
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 60 −37 −28
LAB*LCH*Ma: 60 46 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.79
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.679
u*e = g75b LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g75b u*d = c16v
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −21 −43
LAB*LCH*Ma: 55 48 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.84 1.0
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.755
u*e = b00r LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b00r u*d = c58v
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 41 1 −45
LAB*LCH*Ma: 41 45 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.42 1.0
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.834
u*e = b25r LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b25r u*d = v03m
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 26 27 −46
LAB*LCH*Ma: 26 54 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.03 0.0 1.0
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.913
u*e = b50r LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b50r u*d = v54m
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 36 48 −29
LAB*LCH*Ma: 36 56 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.55 0.0 1.0
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = hab/360 = 0.992
u*e = b75r LAB*LAB*a
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b75r u*d = m10o
contrast reduction factor: ϵg = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 48 73 −4
LAB*LCH*Ma: 48 73 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.89
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L=1 = 67 g*C=1 = 59
relative chroma c*
brilliantness i*

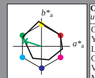
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.451$ — $u^*_e = g00b$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = g00b$ $u^*_d = l12c$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 56 −58 19

$LAB^*LCH^*_{Ma}$: 56 61 162

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.0

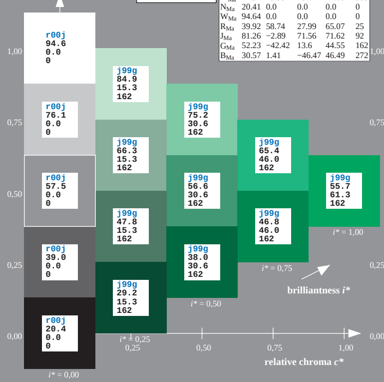
$lab^*olv^*_{Ma}$: 0.0 1.0 0.12

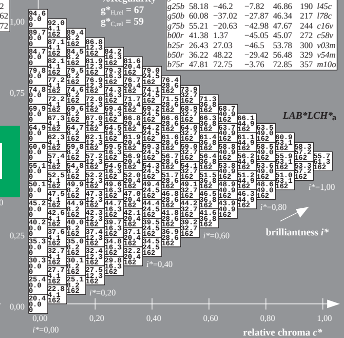
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	−3.4	84.28	84.35	92	o93y
j25g	78.53	−25.99	72.23	76.76	110	y24l
j50g	68.25	−42.61	56.0	70.37	127	y55l
j75g	58.73	−57.99	40.99	71.02	145	y85l
g00b	55.66	−58.35	18.71	61.27	162	l12c
g25b	58.18	−46.2	−7.82	46.86	190	l45c
g50b	60.08	−37.02	−27.87	46.34	217	l78c
g75b	55.21	−20.63	−42.98	47.67	244	c16v
b00r	41.38	1.37	−45.05	45.07	272	c58v
b25r	26.43	27.03	−46.5	53.78	300	v03m
b50r	36.22	48.22	−29.42	56.48	329	v54m
b75r	47.81	72.75	−3.76	72.85	357	m10o





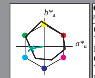
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.527$ — $u^*_e = g25b$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = g25b$ $u^*_d = l45c$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



ORS20_95a; adapted (a) CIELAB data					
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	46.89	66.19	40.28	77.48	31
Y_{Ma}	88.66	−9.62	88.21	88.73	96
L_{Ma}	54.22	−65.29	33.87	73.56	153
C_{Ma}	61.43	−30.53	−42.04	51.96	234
V_{Ma}	25.93	25.95	−47.37	54.01	299
M_{Ma}	47.92	73.53	−9.02	74.08	353
N_{Ma}	20.41	0.0	0.0	0.0	0
W_{Ma}	94.64	0.0	0.0	0.0	0
R_{Ma}	39.92	58.74	27.99	65.07	25
J_{Ma}	81.26	−2.89	71.56	71.62	92
G_{Ma}	52.23	−42.42	13.6	44.55	162
B_{Ma}	30.57	1.41	−46.47	46.49	272

Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 58 −46 −8

$LAB^*LCH^*_{Ma}$: 58 47 189

$lab^*rgb^*_{Ma}$: 0.0 1.0 0.5

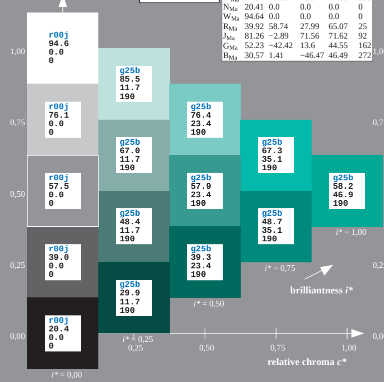
$lab^*olv^*_{Ma}$: 0.0 1.0 0.45

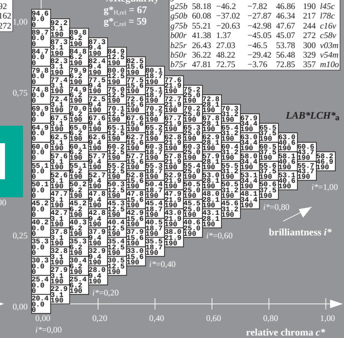
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

ORS20_95a; adapted (a) CIELAB data						
u^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00j	47.06	67.41	32.12	74.67	25	m84o
r25j	53.95	53.38	48.38	72.04	42	o17y
r50j	63.6	35.87	59.45	69.43	59	o42y
r75j	73.37	18.14	70.66	72.95	76	o68y
j00g	85.24	−3.4	84.28	84.35	92	o93y
j25g	78.53	−25.99	72.23	76.76	110	y24l
j50g	68.25	−42.61	56.0	70.37	127	y55l
j75g	58.73	−57.99	40.99	71.02	145	y85l
g00b	55.66	−58.35	18.71	61.27	162	l12c
g25b	58.18	−46.2	−7.82	46.86	190	l45c
g50b	60.08	−37.02	−27.87	46.34	217	l78c
g75b	55.21	−20.63	−42.98	47.67	244	c16v
b00r	41.38	1.37	−45.05	45.07	272	c58v
b25r	26.43	27.03	−46.5	53.78	300	v03m
b50r	36.22	48.22	−29.42	56.48	329	v54m
b75r	47.81	72.75	−3.76	72.85	357	m10o





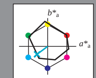
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.603$ — $u^*_e = g50b$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = g50b$ $u^*_d = l78c$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 60 −37 −28

$LAB^*LCH^*_{Ma}$: 60 46 216

$lab^*rgb^*_{Ma}$: 0.0 1.0 1.0

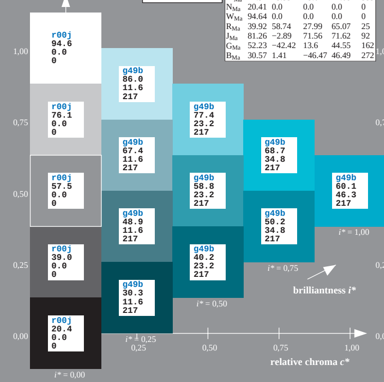
$lab^*olv^*_{Ma}$: 0.0 1.0 0.79

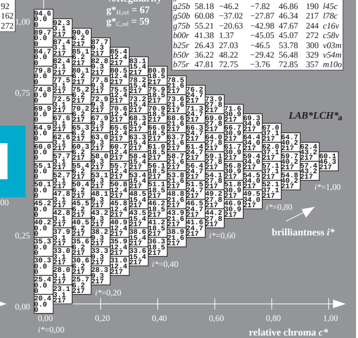
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)





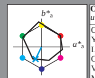
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.679$ — $u^*_e = g75b$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = g75b$ $u^*_d = c16v$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 55 −21 −43

$LAB^*LCH^*_{Ma}$: 55 48 244

$lab^*rgb^*_{Ma}$: 0.0 0.5 1.0

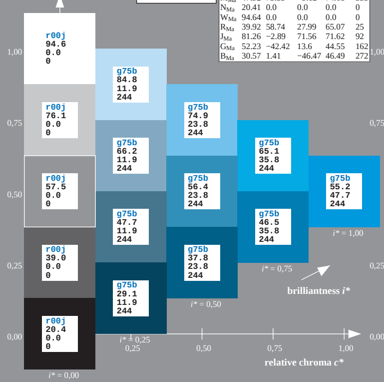
$lab^*olv^*_{Ma}$: 0.0 0.84 1.0

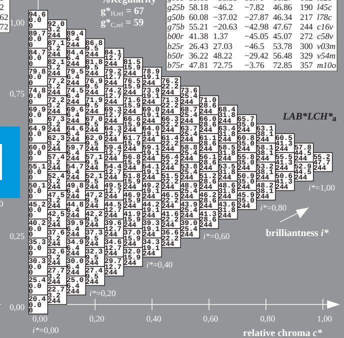
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)





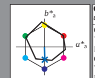
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.755$ — $u^*_e = b00r$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 41 1 −45

$LAB^*LCH^*_{Ma}$: 41 45 271

$lab^*rgb^*_{Ma}$: 0.0 0.0 1.0

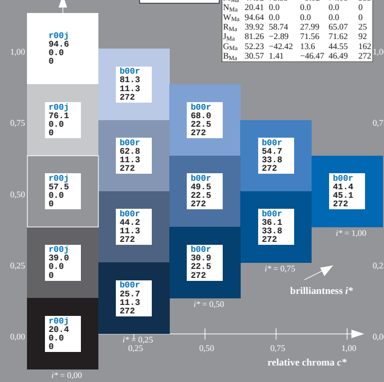
$lab^*olv^*_{Ma}$: 0.0 0.42 1.0

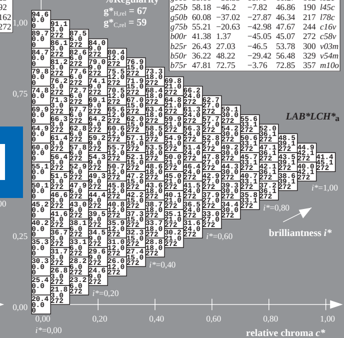
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)





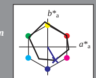
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.834$ — $u^*_e = b25r$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = b25r$ $u^*_d = v03m$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 26 27 −46

$LAB^*LCH^*_{Ma}$: 26 54 300

$lab^*rgb^*_{Ma}$: 0.5 0.0 1.0

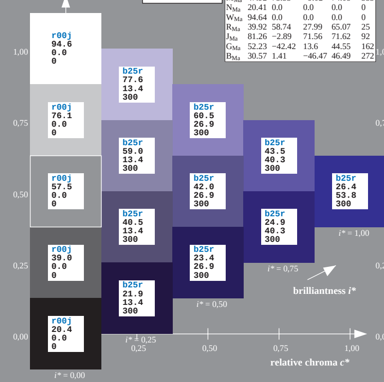
$lab^*olv^*_{Ma}$: 0.03 0.0 1.0

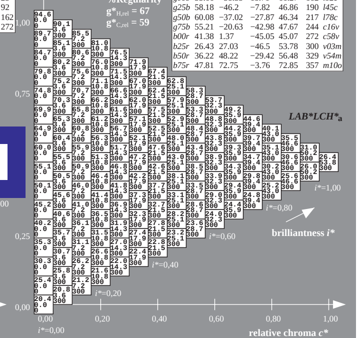
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)





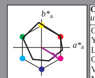
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.913$ — $u^*_e = b50r$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = b50r$ $u^*_d = v54m$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 36 48 −29

$LAB^*LCH^*_{Ma}$: 36 56 328

$lab^*rgb^*_{Ma}$: 1.0 0.0 1.0

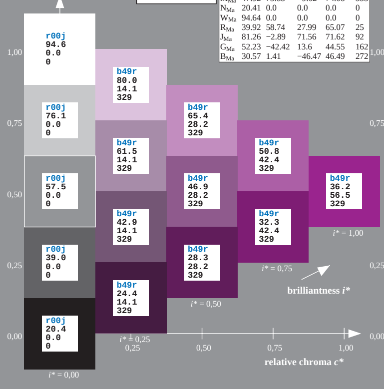
$lab^*olv^*_{Ma}$: 0.55 0.0 1.0

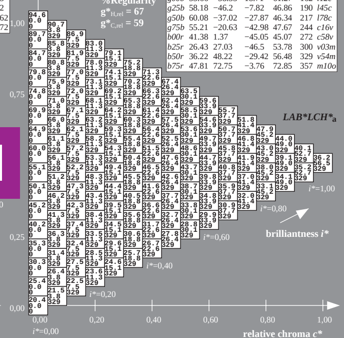
triangle lightness t^*

%Gamut $u^*_{rel} = 87$

%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)





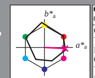
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{ab}/360 = 0.992$ — $u^*_e = b75r$, $LAB^*LCH^*_a$

data for any colour: *lab*tch** and *lab*icu**

Hue texts: $u^*_e = b75r$ $u^*_d = m10o$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*



Data for maximum colour (Ma):

$LAB^*LAB^*_{Ma}$: 48 73 −4

$LAB^*LCH^*_{Ma}$: 48 73 357

$lab^*rgb^*_{Ma}$: 1.0 0.0 0.5

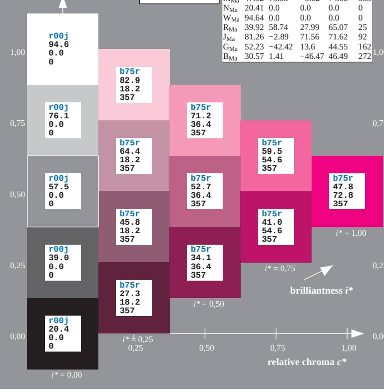
$lab^*olv^*_{Ma}$: 1.0 0.0 0.89

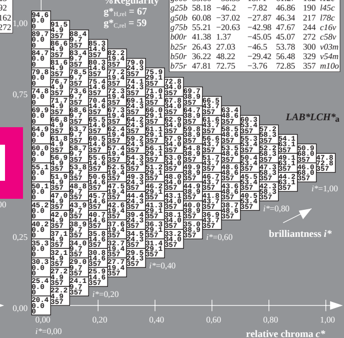
triangle lightness t^*

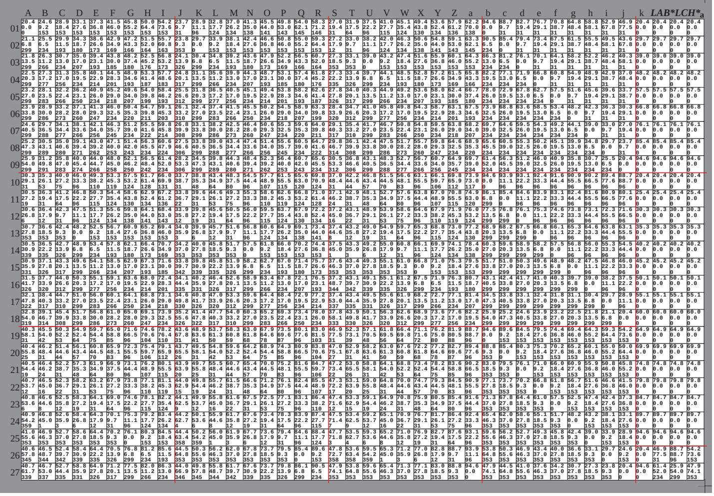
%Gamut $u^*_{rel} = 87$

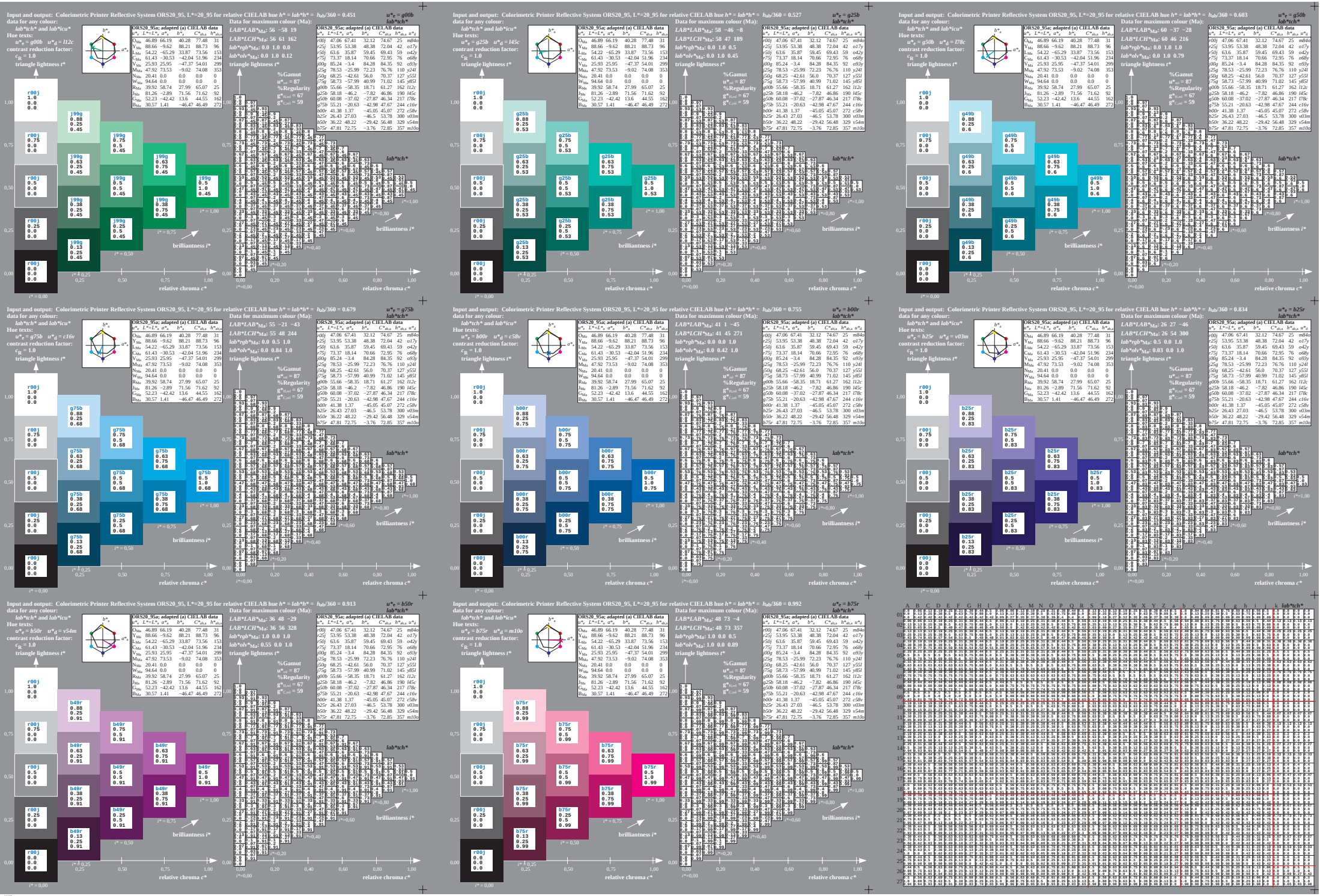
%Regularity $g^*_{H,rel} = 67$ $g^*_{C,rel} = 59$

(ORS20_95a; adapted (a) CIELAB data tables as above)



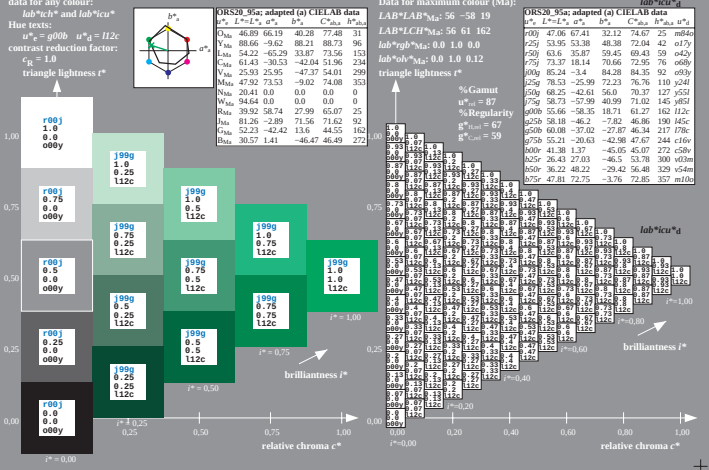





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g00b u*d = I12c
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 56 −58 19 LAB*LCH*Ma: 56 61 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.12
u*e = g00b lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g25b u*d = I45c
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 58 −46 −8 LAB*LCH*Ma: 58 47 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.45
u*e = g25b lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g50b u*d = I78c
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 60 −37 −28 LAB*LCH*Ma: 60 46 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.79
u*e = g50b lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = g75b u*d = c16v
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −21 −43 LAB*LCH*Ma: 55 48 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.84 1.0
u*e = g75b lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b00r u*d = c58v
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 41 1 −45 LAB*LCH*Ma: 41 45 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.42 1.0
u*e = b00r lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b25r u*d = v03m
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 26 27 −46 LAB*LCH*Ma: 26 54 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.03 0.0 1.0
u*e = b25r lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b50r u*d = v54m
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 36 48 −29 LAB*LCH*Ma: 36 56 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.55 0.0 1.0
u*e = b50r lab*tch*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
data for any colour: lab*tch* and lab*icu*
Hue texts: u*e = b75r u*d = m10o
contrast reduction factor: eg = 1.0
Data for maximum colour (Ma): LAB*LAB*Ma: 48 73 −4 LAB*LCH*Ma: 48 73 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.89
u*e = b75r lab*tch*
ORS20_95a; adapted (a) CIELAB data
%Gamut u*c = 87
%Regularity g*L,rel = 67 g*C,rel = 59
relative chroma c*
brilliantness i*
lab*tch*

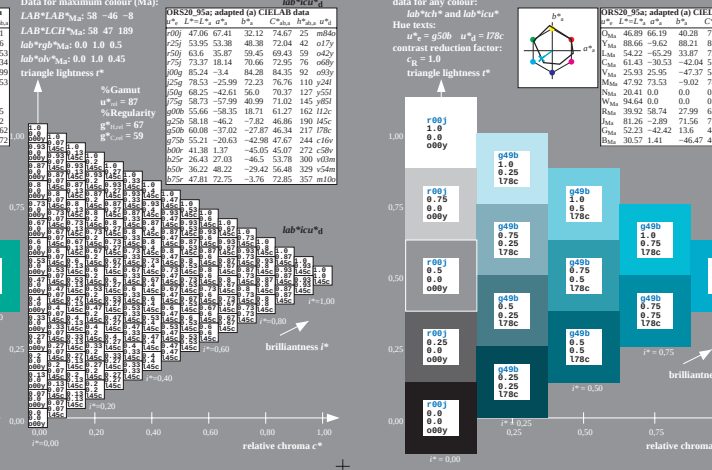
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.451 u^*_e = g00b

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = g00b u^*_d = I12c — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 56 −58 19; $LAB^*LCH^*_{Ma}$: 56 61 162; $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0; $lab^*olv^*_{Ma}$: 0.0 1.0 0.12 — $lab^*icu^*_d$



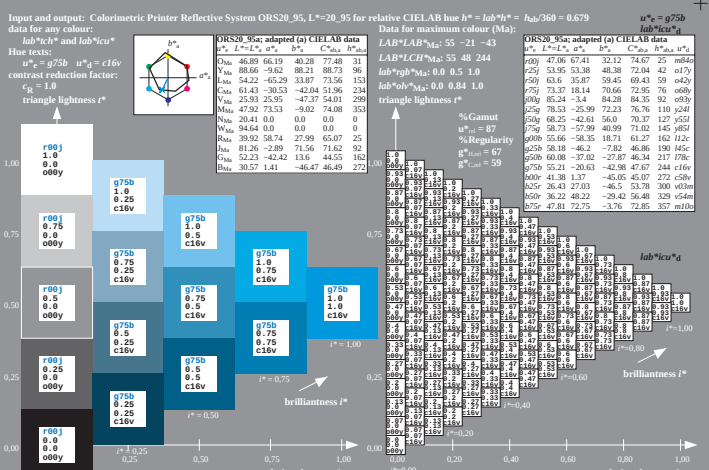
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.527 u^*_e = g25b

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = g25b u^*_d = l45c — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −46 −8; $LAB^*LCH^*_{Ma}$: 58 47 189; $lab^*rgb^*_{Ma}$: 0.0 1.0 5; $lab^*olv^*_{Ma}$: 0.0 1.0 0.45 — $lab^*icu^*_d$



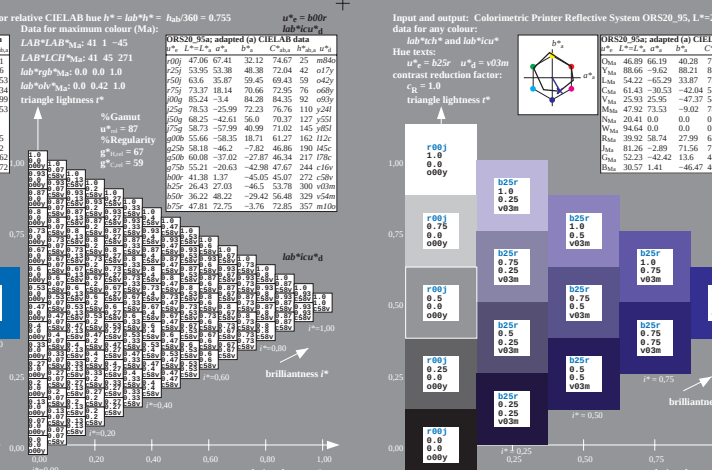
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.603 u^*_e = g50b

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = g50b u^*_d = l78c — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 60 −37 −28; $LAB^*LCH^*_{Ma}$: 60 46 216; $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0; $lab^*olv^*_{Ma}$: 0.0 1.0 0.79 — $lab^*icu^*_d$



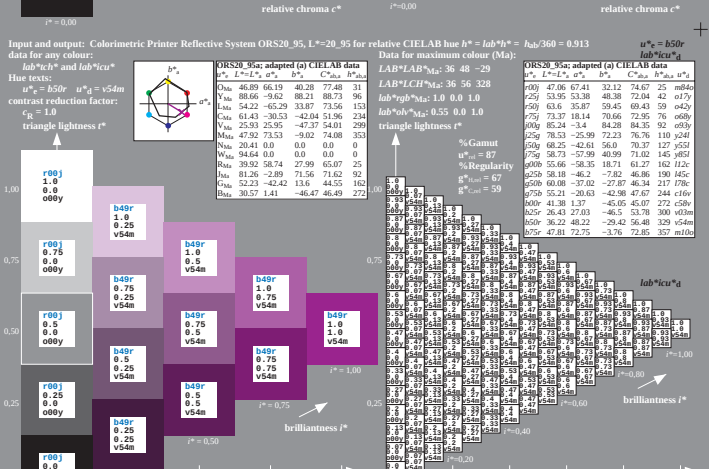
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.679 u^*_e = g75b

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = g75b u^*_d = c16v — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −21 −43; $LAB^*LCH^*_{Ma}$: 55 48 244; $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0; $lab^*olv^*_{Ma}$: 0.0 0.84 1.0 — $lab^*icu^*_d$



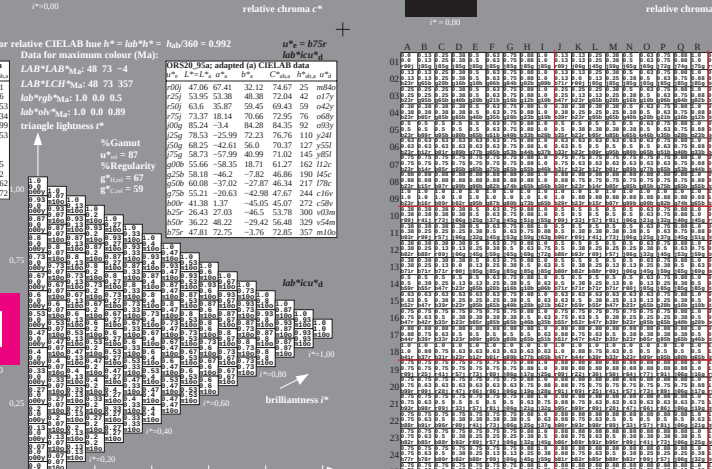
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.755 u^*_e = b00r

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = b00r u^*_d = c58v — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 41 1 −45; $LAB^*LCH^*_{Ma}$: 41 45 271; $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0; $lab^*olv^*_{Ma}$: 0.0 0.42 1.0 — $lab^*icu^*_d$



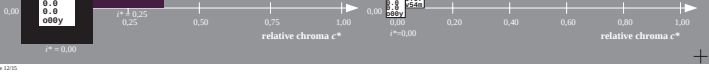
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.834 u^*_e = b25r

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = b25r u^*_d = v03m — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 27 −46; $LAB^*LCH^*_{Ma}$: 26 54 300; $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0; $lab^*olv^*_{Ma}$: 0.03 0.0 1.0 — $lab^*icu^*_d$



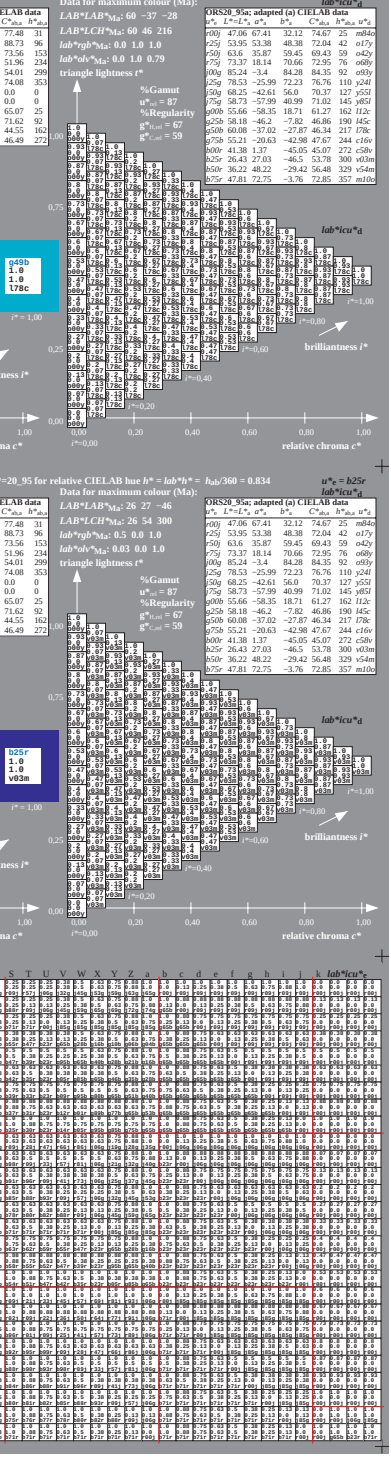
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.913 u^*_e = b50r

data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = b50r u^*_d = v54m — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 36 48 −29; $LAB^*LCH^*_{Ma}$: 36 56 328; $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0; $lab^*olv^*_{Ma}$: 0.55 0.0 1.0 — $lab^*icu^*_d$

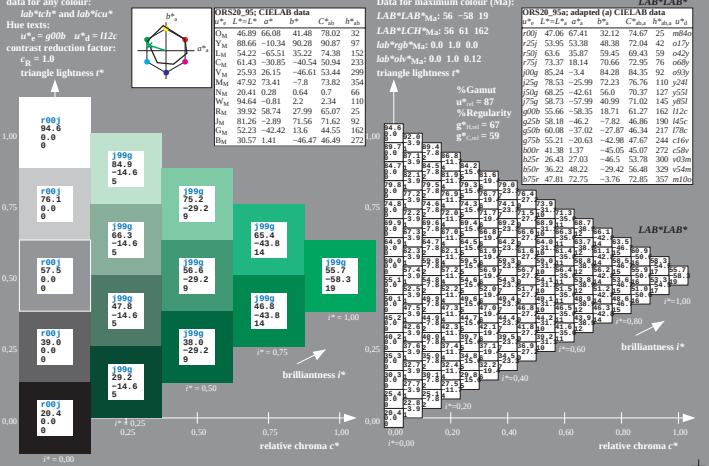


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h^* = lab^*h^* = $h_{lab}/360$ = 0.992 u^*_e = b75r

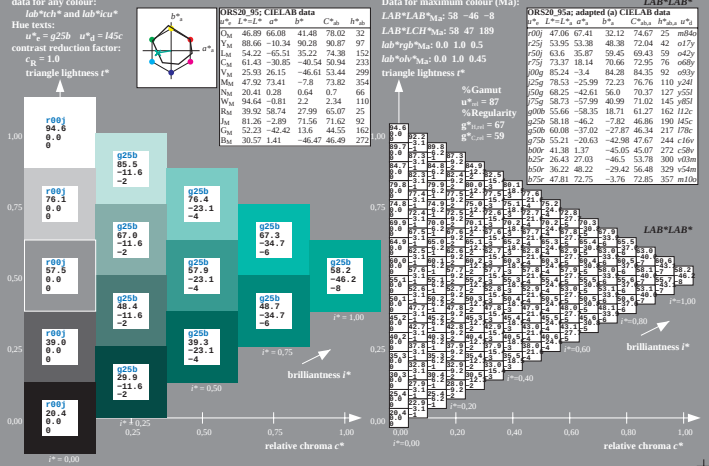
data for any colour: lab^*tch^* and lab^*icu^* — Hue texts: u^*_e = b75r u^*_d = m10o — contrast reduction factor: c^*_R = 1.0 — triangle lightness t^* — Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 73 −4; $LAB^*LCH^*_{Ma}$: 48 73 357; $lab^*rgb^*_{Ma}$: 1.0 0.0 5; $lab^*olv^*_{Ma}$: 1.0 0.0 0.89 — $lab^*icu^*_d$



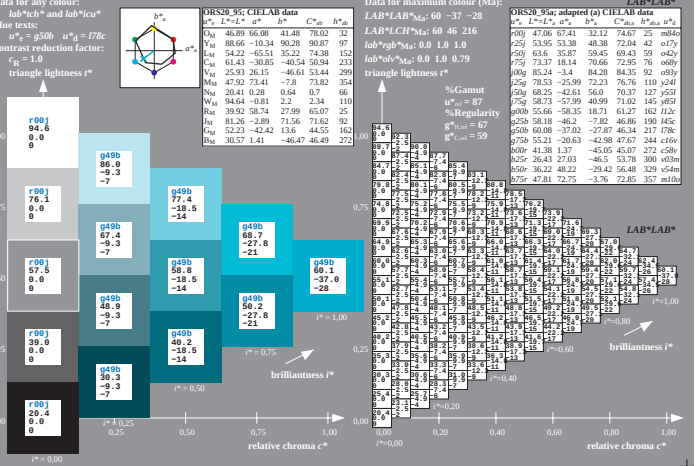
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.451 u^*_s = g00b LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = g00b u^*_d = l12c
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 56 −58 19 LAB*LCH*$_{Ma}$: 56 61 162 lab*rgb*$_{Ma}$: 0.0 1.0 0.0 lab*olv*$_{Ma}$: 0.0 1.0 0.12
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



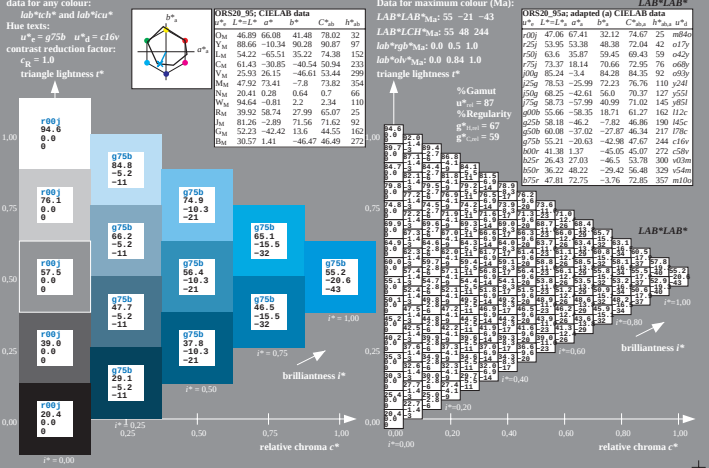
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.527 u^*_s = g25b LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = g25b u^*_d = l45c
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 58 −46 −8 LAB*LCH*$_{Ma}$: 58 47 189 lab*rgb*$_{Ma}$: 0.0 1.0 5 lab*olv*$_{Ma}$: 0.0 1.0 0.45
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



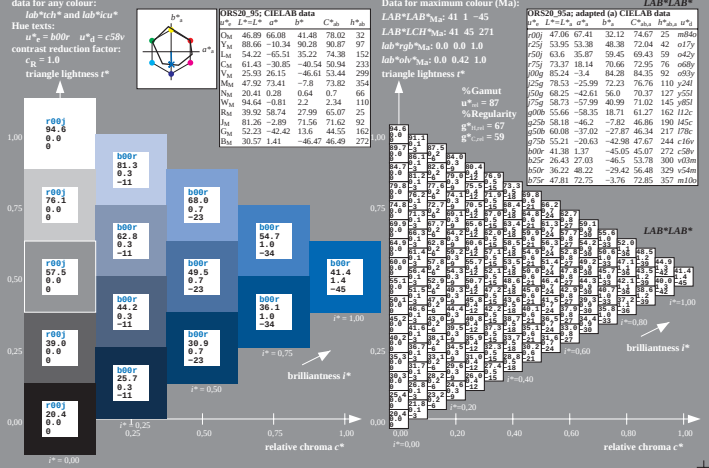
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.603 u^*_s = g50b LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = g50b u^*_d = l78c
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 60 −37 −28 LAB*LCH*$_{Ma}$: 60 46 216 lab*rgb*$_{Ma}$: 0.0 1.0 1.0 lab*olv*$_{Ma}$: 0.0 1.0 0.79
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



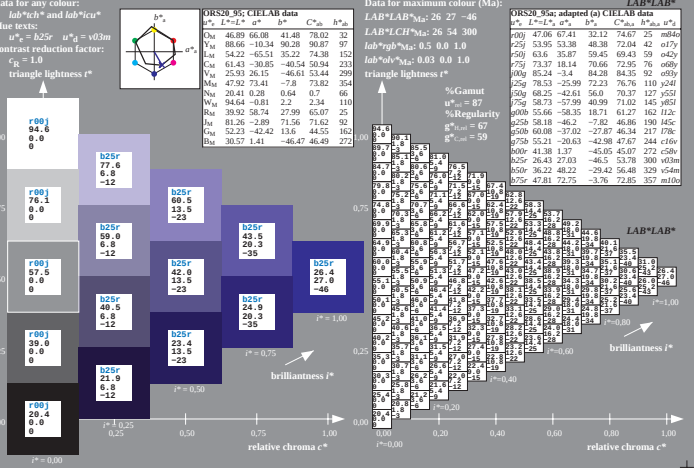
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.679 u^*_s = g75b LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = g75b u^*_d = c16v
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 55 −21 −43 LAB*LCH*$_{Ma}$: 55 48 244 lab*rgb*$_{Ma}$: 0.0 0.5 1.0 lab*olv*$_{Ma}$: 0.0 0.84 1.0
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



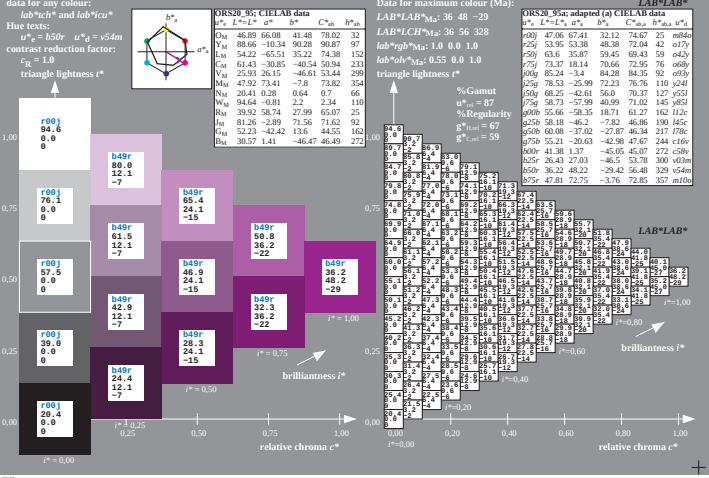
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.755 u^*_s = b00r LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = b00r u^*_d = c58v
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 41 1 −45 LAB*LCH*$_{Ma}$: 41 45 271 lab*rgb*$_{Ma}$: 0.0 0.0 1.0 lab*olv*$_{Ma}$: 0.0 0.42 1.0
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



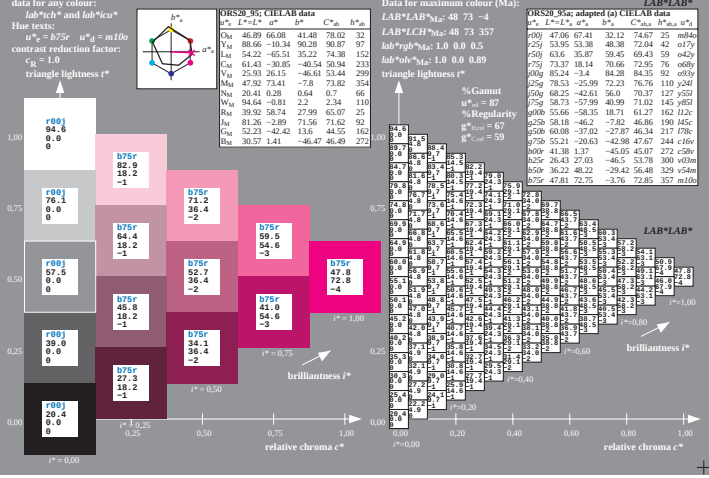
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.834 u^*_s = b25r LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = b25r u^*_d = v03m
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 26 27 −46 LAB*LCH*$_{Ma}$: 26 54 300 lab*rgb*$_{Ma}$: 0.5 0.0 1.0 lab*olv*$_{Ma}$: 0.03 0.0 1.0
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59

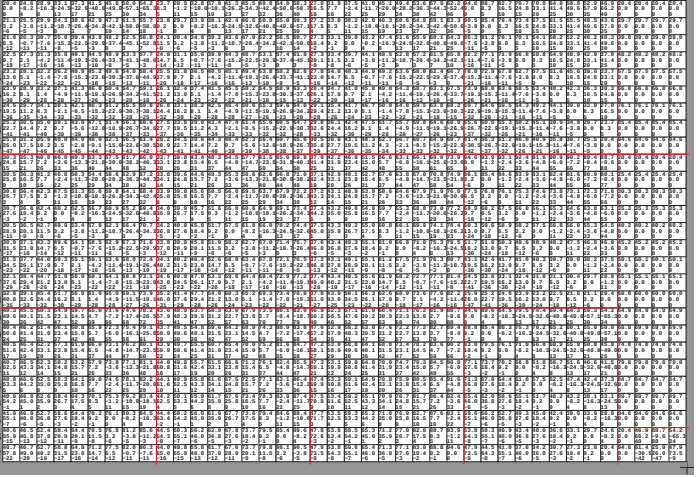


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.913 u^*_s = b50r LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = b50r u^*_d = v54m
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 36 48 −29 LAB*LCH*$_{Ma}$: 36 56 328 lab*rgb*$_{Ma}$: 1.0 0.0 1.0 lab*olv*$_{Ma}$: 0.55 0.0 1.0
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hu h* = lab*h* = $h_{ab}/360$ = 0.992 u^*_s = b75r LAB*LAB*
data for any colour: lab*tch* and lab*icu*
Hue texts: u^*_t = b75r u^*_d = m10o
contrast reduction factor: c^*_{tg} = 1.0
Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 48 73 −4 LAB*LCH*$_{Ma}$: 48 73 357 lab*rgb*$_{Ma}$: 1.0 0.0 5 lab*olv*$_{Ma}$: 1.0 0.0 0.89
%Gamut u^*_{G} = 87 %Regularity g^*_{Hue} = 67 g^*_{Chr} = 59





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_e = g00b$ lab*olv'*

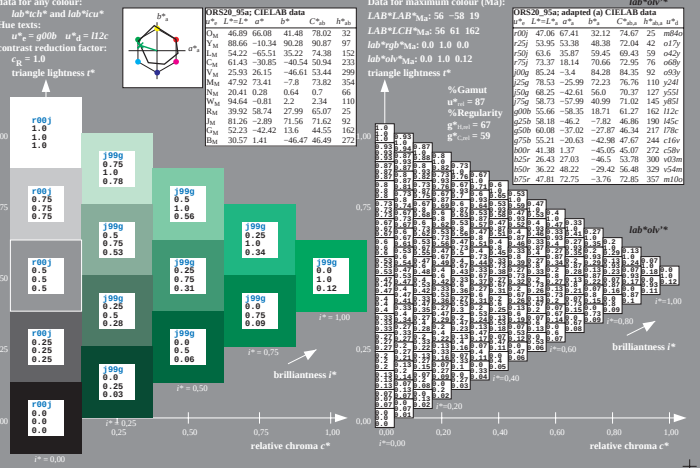
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = g00b$ $u^*_d = I12c$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 56 −58 19; LAB*LCH*$_{Ma}$: 56 61 162; lab*rgb*$_{Ma}$: 0.0 1.0 0.0; lab*olv'*$_{Ma}$: 0.0 1.0 0.12

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_e = g25b$ lab*olv'*

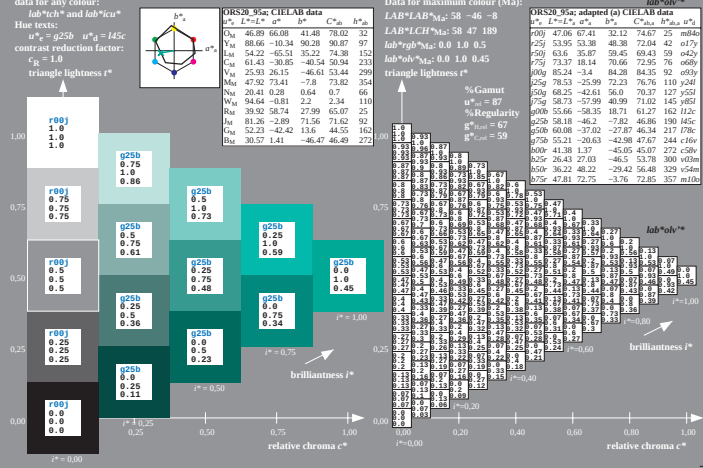
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = g25b$ $u^*_d = I45c$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 58 −46 −8; LAB*LCH*$_{Ma}$: 58 47 189; lab*rgb*$_{Ma}$: 0.0 1.0 5; lab*olv'*$_{Ma}$: 0.0 1.0 0.45

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_e = g50b$ lab*olv'*

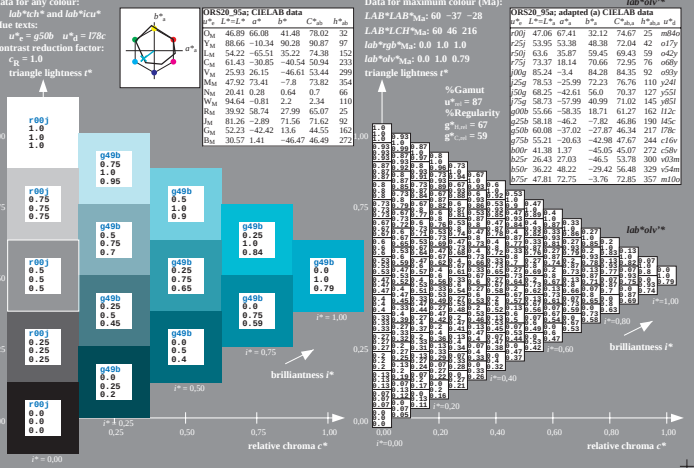
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = g50b$ $u^*_d = I78c$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 60 −37 −28; LAB*LCH*$_{Ma}$: 60 46 216; lab*rgb*$_{Ma}$: 0.0 1.0 1.0; lab*olv'*$_{Ma}$: 0.0 1.0 0.79

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_e = g75b$ lab*olv'*

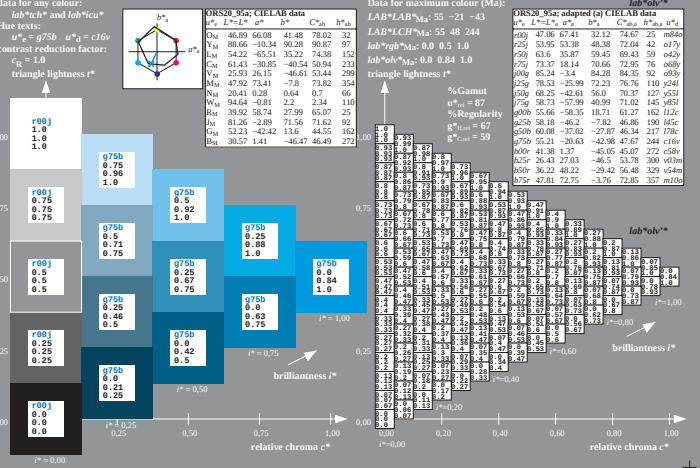
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = g75b$ $u^*_d = c16v$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 55 −21 −43; LAB*LCH*$_{Ma}$: 55 48 244; lab*rgb*$_{Ma}$: 0.0 0.5 1.0; lab*olv'*$_{Ma}$: 0.0 0.84 1.0

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_e = b00r$ lab*olv'*

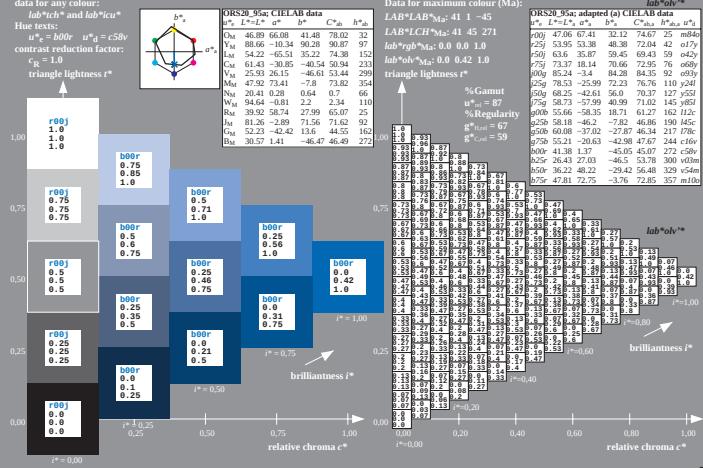
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 41 1 −45; LAB*LCH*$_{Ma}$: 41 45 271; lab*rgb*$_{Ma}$: 0.0 0.0 1.0; lab*olv'*$_{Ma}$: 0.0 0.42 1.0

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_e = b25r$ lab*olv'*

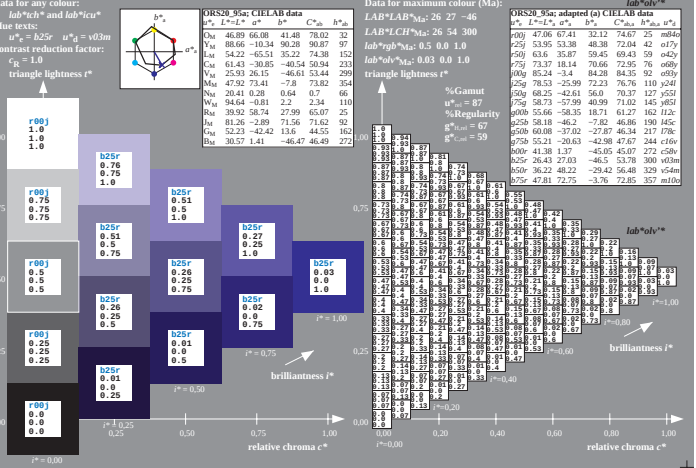
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = b25r$ $u^*_d = v03m$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 26 27 −46; LAB*LCH*$_{Ma}$: 26 54 300; lab*rgb*$_{Ma}$: 0.5 0.0 1.0; lab*olv'*$_{Ma}$: 0.03 0.0 1.0

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_e = b50r$ lab*olv'*

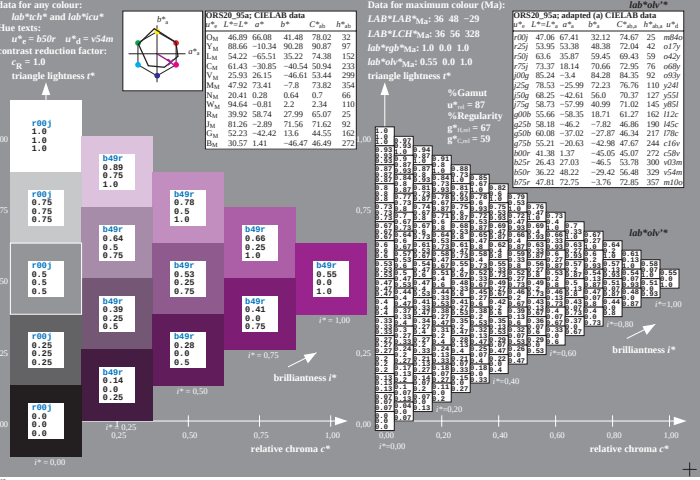
data for any colour: lab*tch* and lab*icu*

Hue texts: $u^*_e = b50r$ $u^*_d = v54m$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 36 48 −29; LAB*LCH*$_{Ma}$: 36 56 328; lab*rgb*$_{Ma}$: 1.0 0.0 1.0; lab*olv'*$_{Ma}$: 0.55 0.0 1.0

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_e = b75r$ lab*olv'*

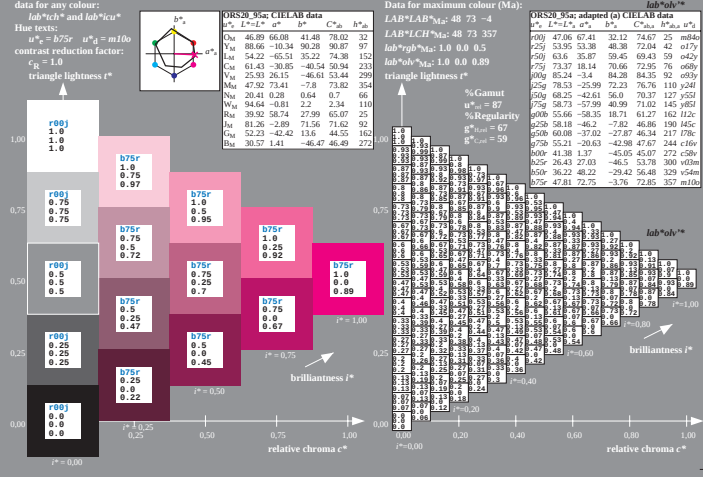
data for any colour: lab*tch* and lab*icu*

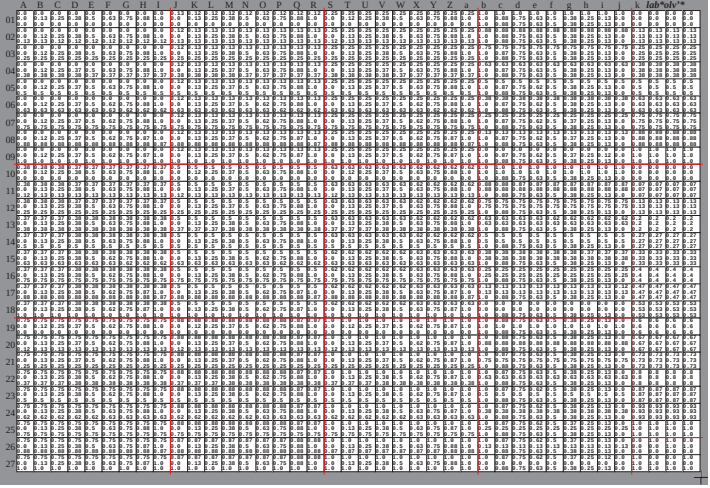
Hue texts: $u^*_e = b75r$ $u^*_d = m10o$

contrast reduction factor: $\varepsilon_{tl} = 1.0$

Data for maximum colour (Ma): LAB*LAB*$_{Ma}$: 48 73 −4; LAB*LCH*$_{Ma}$: 48 73 357; lab*rgb*$_{Ma}$: 1.0 0.0 5; lab*olv'*$_{Ma}$: 1.0 0.0 0.89

%Gamut u^*_{ref} = 87; %Regularity g^*_{Hue} = 67; g^*_{Chr} = 59





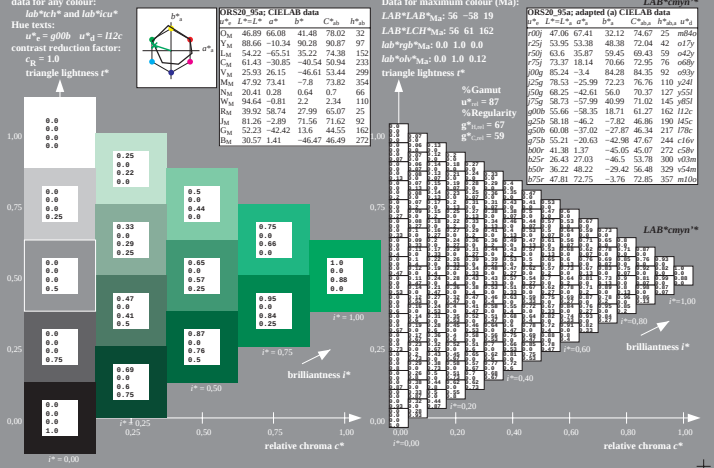
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.451$ $u^*_e = g00b$

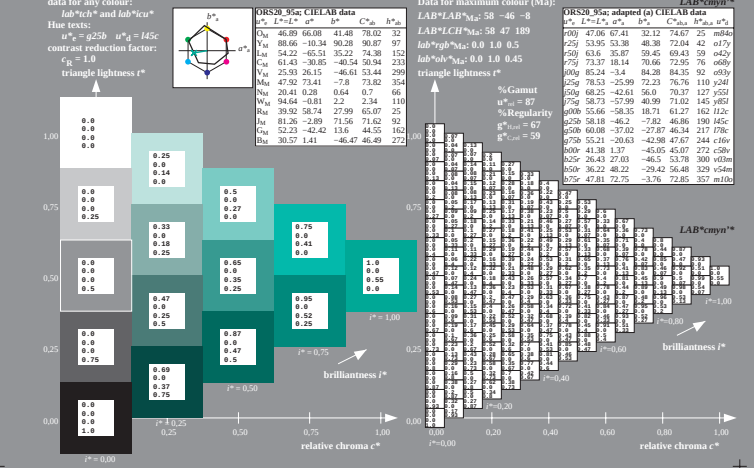
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g00b$ $u^*_d = l12c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 56 −58 19 $LAB^*LCH^*_{Ma}$: 56 61 162 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.12





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.527$ $u^*_e = g25b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g25b$ $u^*_d = l45c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −46 −8 $LAB^*LCH^*_{Ma}$: 58 47 189 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.5 $lab^*olv^*_{Ma}$: 0.0 1.0 0.45

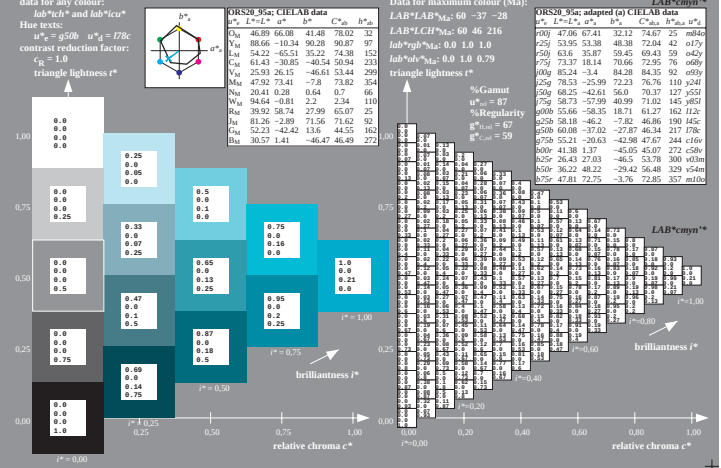
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.603$ $u^*_e = g50b$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g50b$ $u^*_d = l78c$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 60 −37 −28 $LAB^*LCH^*_{Ma}$: 60 46 216 $lab^*rgb^*_{Ma}$: 0.0 1.0 1.0 $lab^*olv^*_{Ma}$: 0.0 1.0 0.79



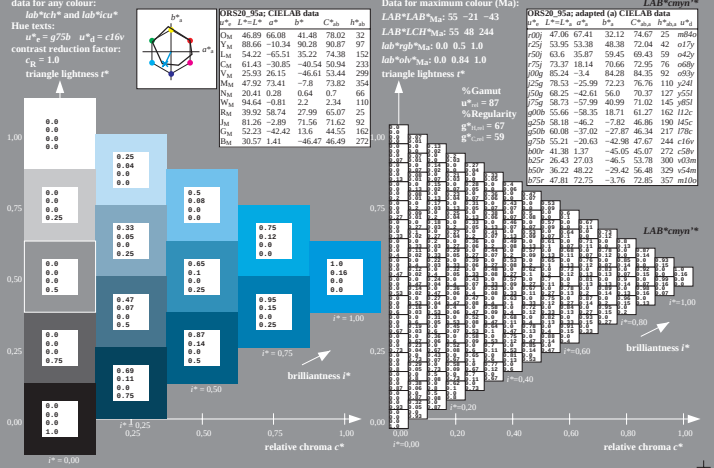
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.679$ $u^*_e = g75b$

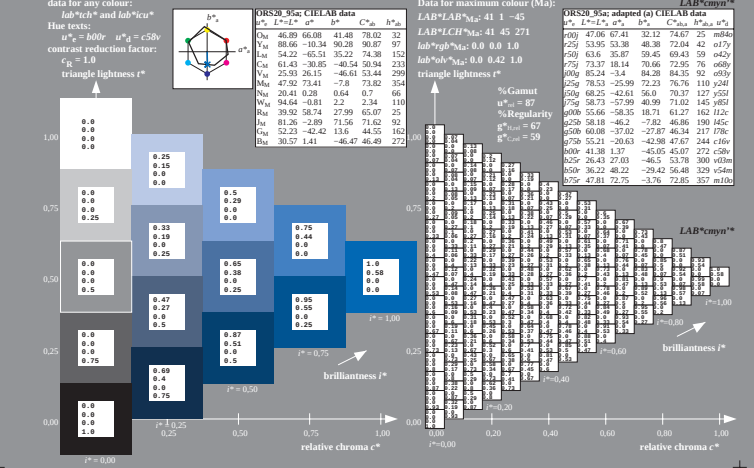
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = g75b$ $u^*_d = c16v$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 55 −21 −43 $LAB^*LCH^*_{Ma}$: 55 48 244 $lab^*rgb^*_{Ma}$: 0.0 0.5 1.0 $lab^*olv^*_{Ma}$: 0.0 0.84 1.0





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.755$ $u^*_e = b00r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b00r$ $u^*_d = c58v$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 41 1 −45 $LAB^*LCH^*_{Ma}$: 41 45 271 $lab^*rgb^*_{Ma}$: 0.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.0 0.42 1.0

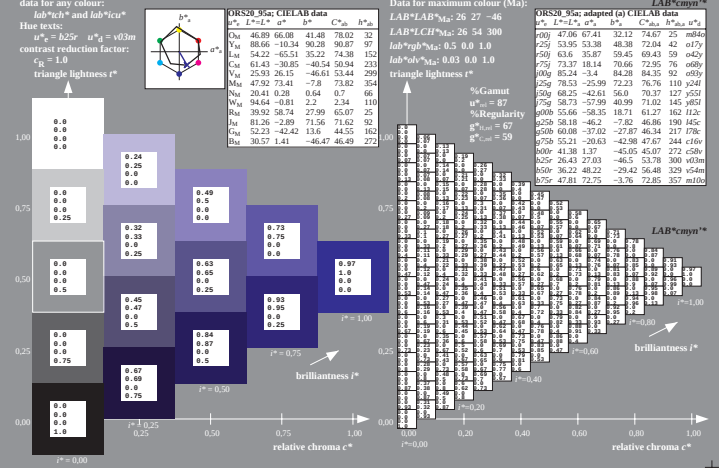
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.834$ $u^*_e = b25r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b25r$ $u^*_d = v03m$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 27 −46 $LAB^*LCH^*_{Ma}$: 26 54 300 $lab^*rgb^*_{Ma}$: 0.5 0.0 1.0 $lab^*olv^*_{Ma}$: 0.03 0.0 1.0



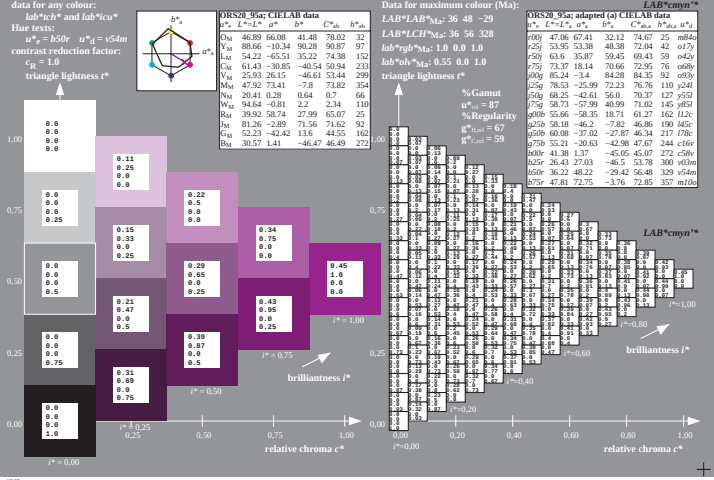
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.913$ $u^*_e = b50r$

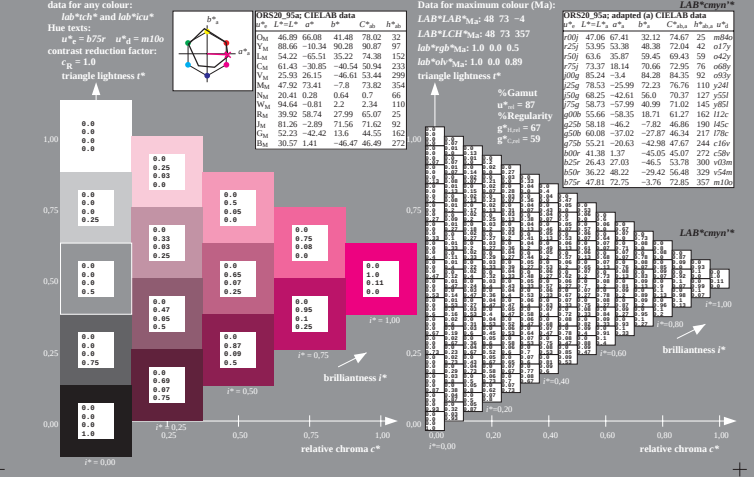
data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b50r$ $u^*_d = v54m$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 36 48 −29 $LAB^*LCH^*_{Ma}$: 36 56 328 $lab^*rgb^*_{Ma}$: 1.0 0.0 1.0 $lab^*olv^*_{Ma}$: 0.55 0.0 1.0

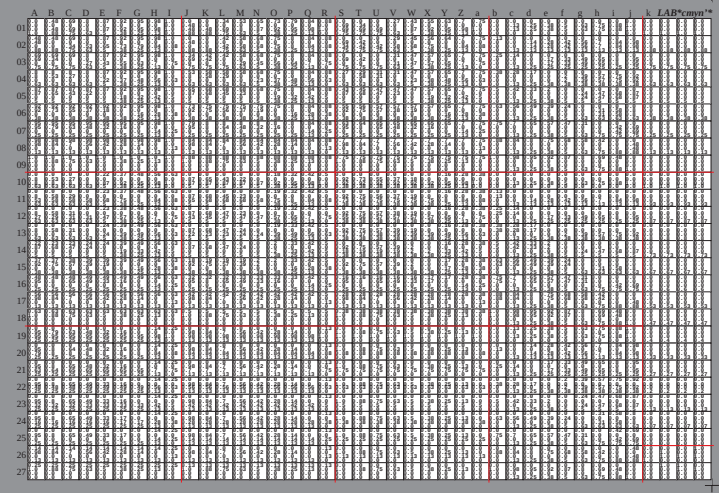




Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.992$ $u^*_e = b75r$

data for any colour: lab^*tch^* and lab^*icu^*

Hue texts: $u^*_e = b75r$ $u^*_d = m10o$

contrast reduction factor: $c^*_R = 1.0$

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 73 −4 $LAB^*LCH^*_{Ma}$: 48 73 357 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.5 $lab^*olv^*_{Ma}$: 1.0 0.0 0.89