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

Input data for any colour: *lab*ich** 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
triangle lightness t^*

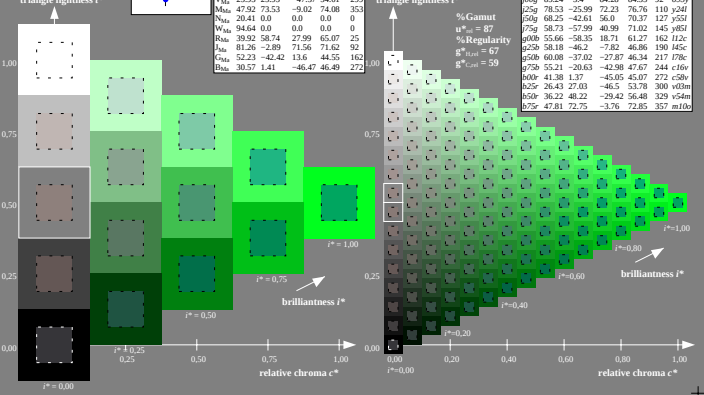
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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 0.5
$lab^*olv^*_{Ma}$: 0.0 1.0 0.45
triangle lightness t^*

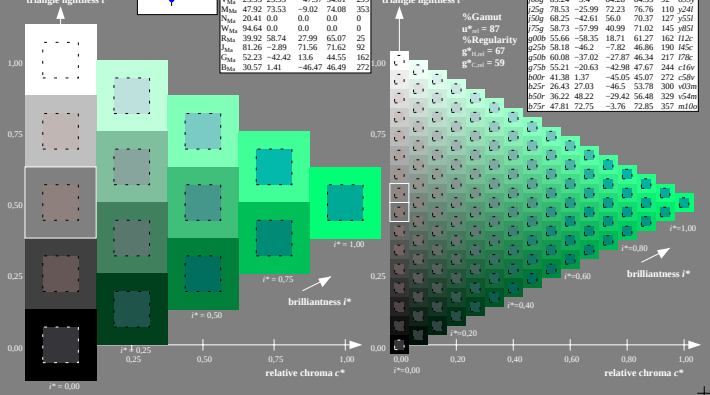
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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^*

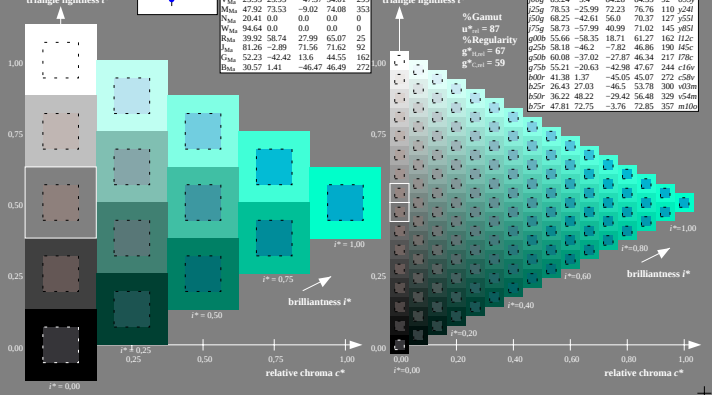
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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^*

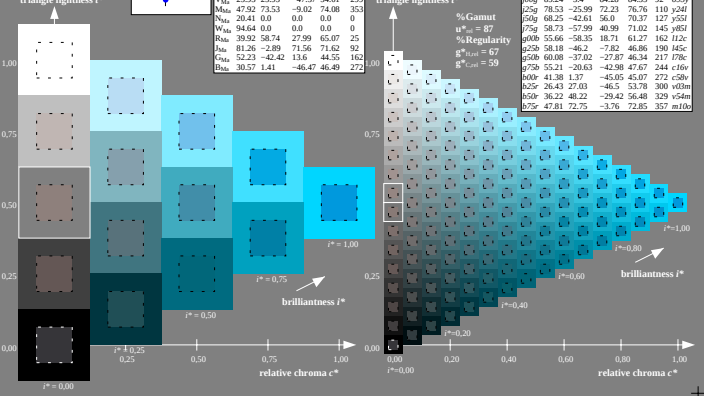
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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^*

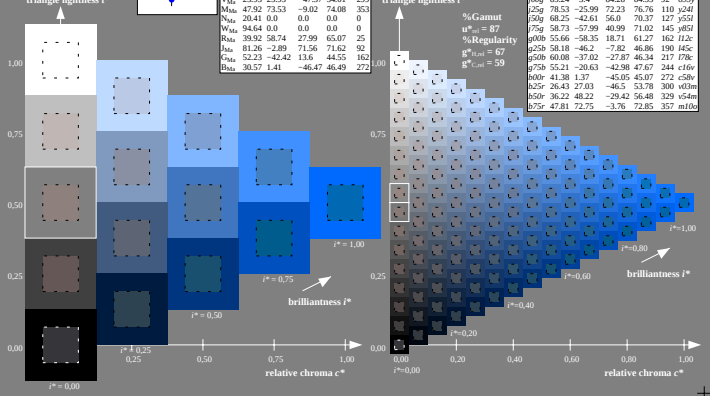
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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^*

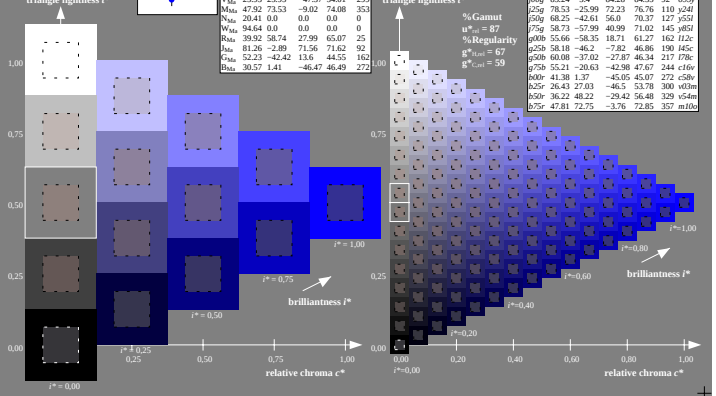
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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^*

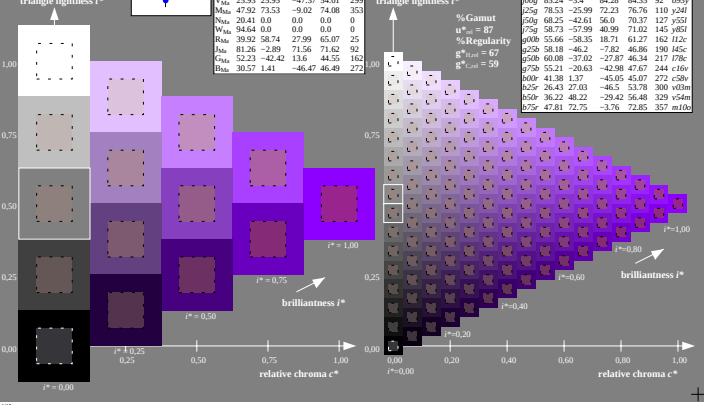
%Gamut $u^*_{rel} = 87$
%Regularity $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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
b00/	41.38	1.37	−45.05	45.07	272		c58v
b25/	26.43	27.03	−46.5	53.78	300		v03m
b50/	36.22	48.22	−29.42	56.48	329		v54m
b75/	47.81	72.75	−3.76	72.85	357		m10c



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

Input data for any colour: *lab*ich** 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 $g^*_{R,rel} = 67$
$g^*_{C,rel} = 59$

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
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		
I_{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		

ORS20_95:a; adapted (a) CIELAB data

	u^*_a	$L^*=L^*_a$	v^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_d
r00/	47.06	67.41	32.12	74.67	25		m84o
r25/	53.95	53.38	48.38	72.04	42		o17y
r50/	63.6	35.87	59.45	69.43	59		o42y
r75/	73.37	18.14	70.66	72.95	76		o68y
j00/g	85.24	−3.4	84.28	84.35	92		o93y
j25/g	78.53	−25.99	72.23	76.76	110		y24l
j50/g	68.25	−42.61	56.0	70.37	127		y55l
j75/g	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

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ $u^*d = g00b$

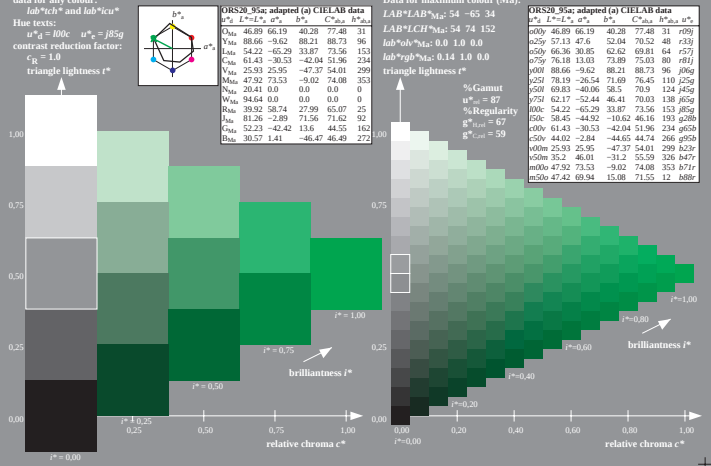
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = l00c$ $u^*_e = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ $u^*d = g25b$

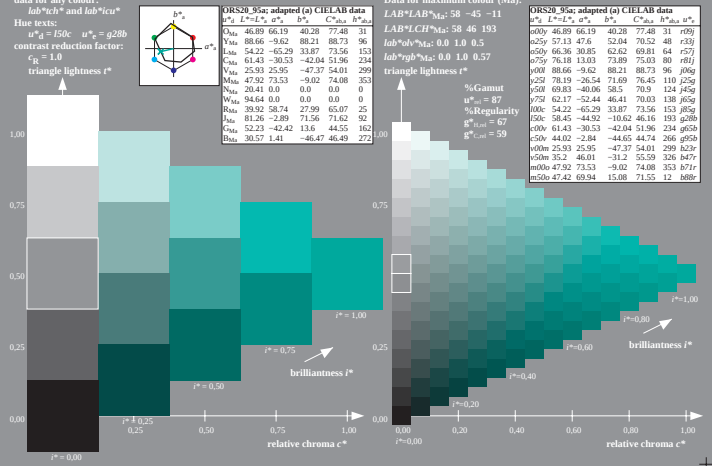
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = l50c$ $u^*_e = g28b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ $u^*d = g50b$

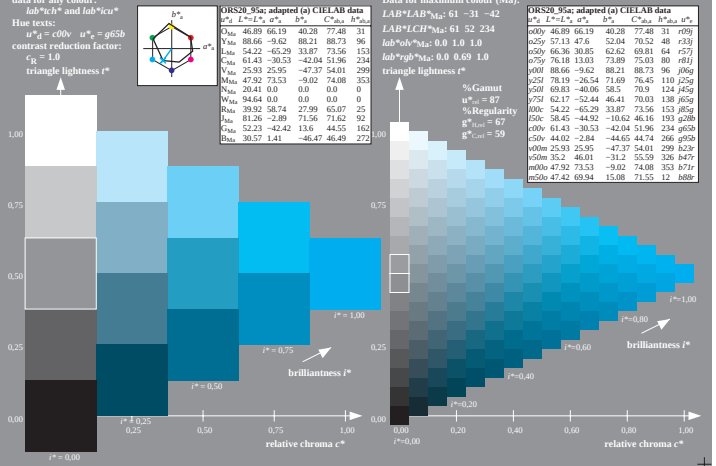
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = c00v$ $u^*_e = g65b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ $u^*d = g75b$

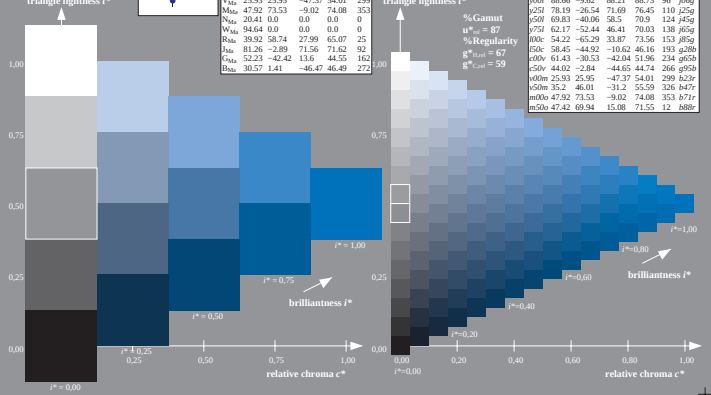
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = c50v$ $u^*_e = g95b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ $u^*d = b00r$

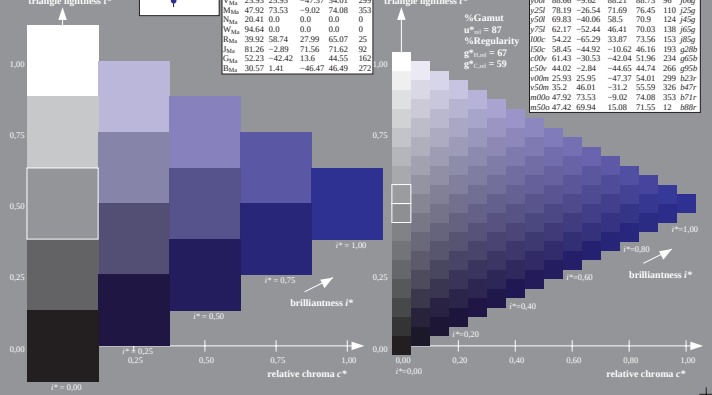
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = v00m$ $u^*_e = b23r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ $u^*d = b25r$

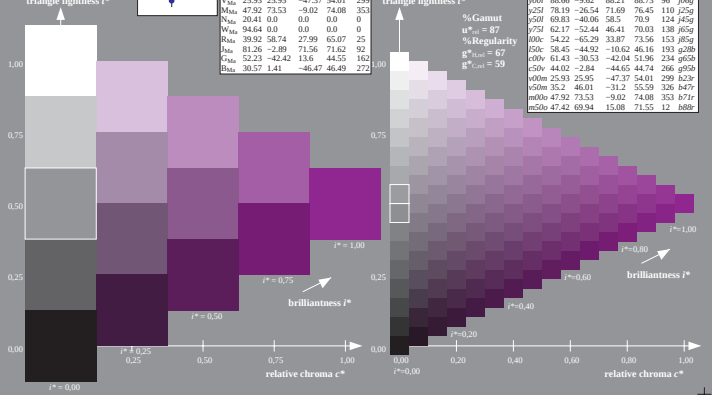
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = v50m$ $u^*_e = b47r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ $u^*d = b50r$

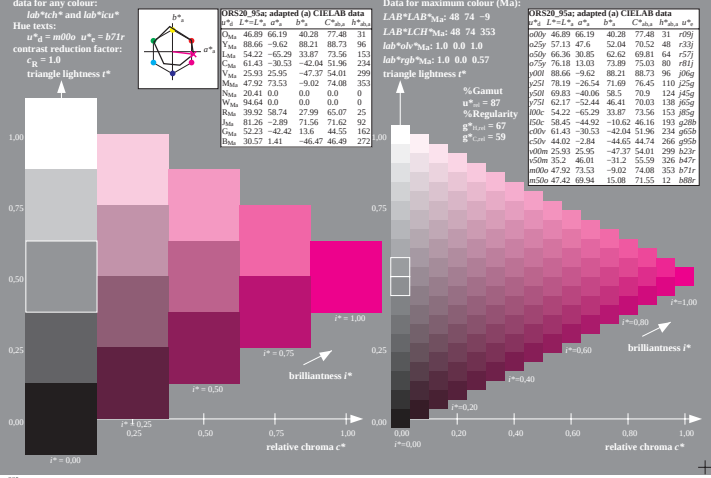
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = m00a$ $u^*_e = b71r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ $u^*d = b75r$

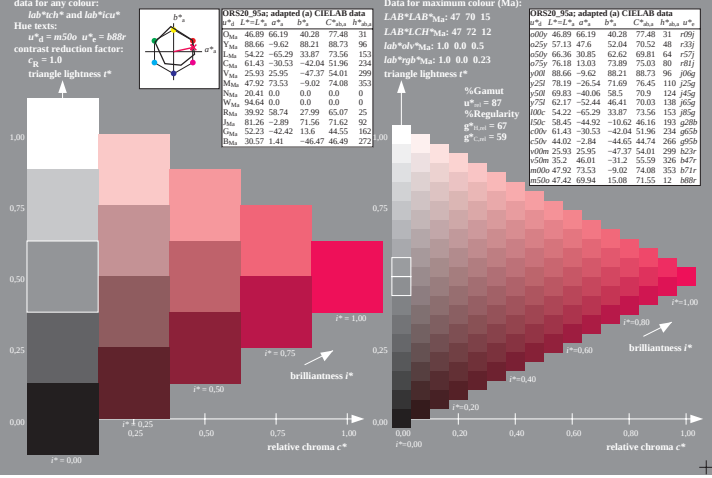
Data for any colour: lab^*tch^* and lab^*icu^*
Hue texts: $u^*d = m50a$ $u^*_e = b88r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

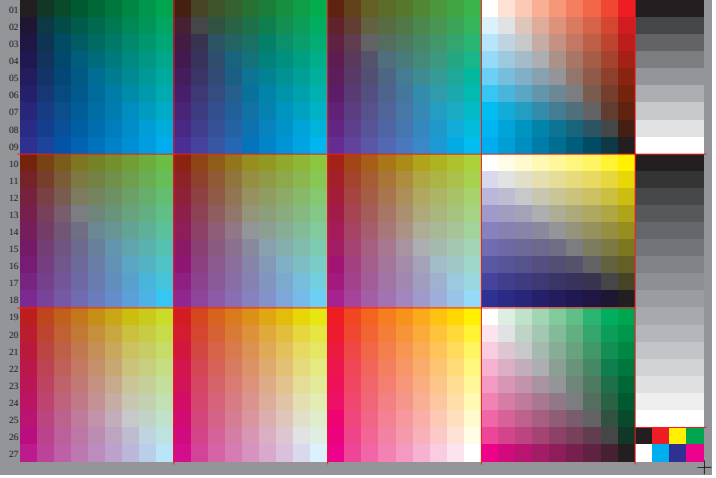
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23

ORS20_95:a; adapted (a) CIELAB data

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	y00f
M_{Ma}	47.92	73.53	−9.02	74.08	353	y25f
W_{Ma}	94.64	0.0	0.0	0.0	0	y50f
R_{Ma}	39.92	58.74	27.99	65.07	25	y75f
N_{Ma}	20.41	0.0	0.0	0.0	0	l00c
B_{Ma}	81.26	−2.89	71.56	71.62	92	l50c
G_{Ma}	52.23	−42.42	13.6	44.55	162	c00v
B_{St}	30.57	1.41	−46.47	46.49	272	c50v
						m00a
						m50a

u^*_a	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_a
c00y	46.89	66.19	40.28	77.48	31	r09j
c25y	57.13	47.6	52.04	70.52	48	r33j
c50y	66.36	30.85	62.62	69.81	64	r57j
c75y	76.18	13.03	73.89	75.03	80	r81j
y00f	88.66	−9.62	88.21	88.73	96	j06g
y25f	78.19	−26.54	71.69	76.45	110	j25g
y50f	69.83	−40.06	58.5	70.9	124	j45g
y75f	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
x00m	25.93	25.95	−47.37	54.01	299	b23r
x50m	35.2	46.01	−31.2	55.59	326	b47r
m00a	47.92	73.53	−9.02	74.08	353	b71r
m50a	47.42	69.94	15.08	71.55	12	b88r





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ $u^*_d = g00b$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = l00c$ $u^*_e = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ $u^*_d = g25b$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = l50c$ $u^*_e = g28b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ $u^*_d = g50b$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = c00v$ $u^*_e = g65b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ $u^*_d = g75b$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = c50v$ $u^*_e = g95b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ $u^*_d = b00r$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = v00m$ $u^*_e = b23r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ $u^*_d = b25r$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = v50m$ $u^*_e = b47r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ $u^*_d = b50r$

data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = m00o$ $u^*_e = b71r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ $u^*_d = b75r$

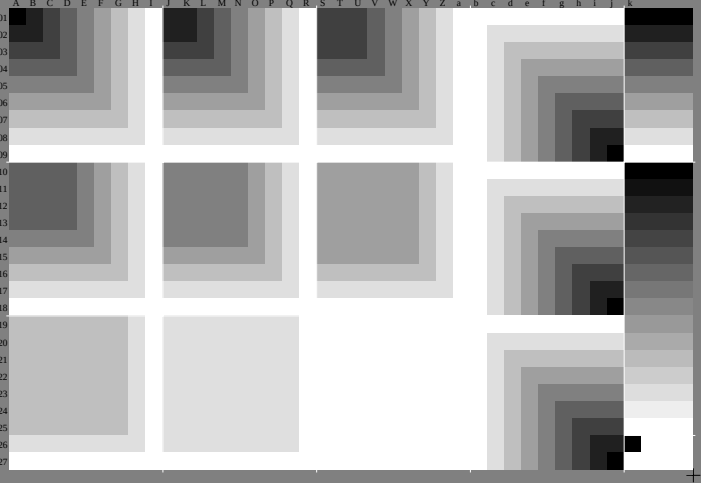
data for any colour: lab^*ich^* and lab^*icu^*
Hue texts: $u^*_d = m50o$ $u^*_e = b88r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23
triangle lightness t^*

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

ORS20_95:; adapted (a) CIELAB data

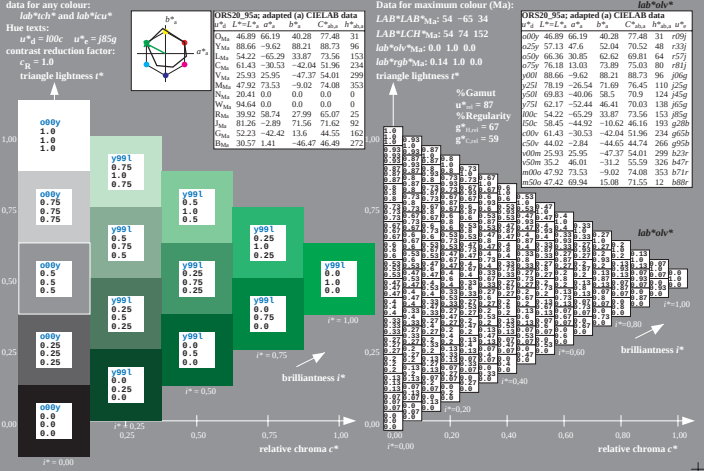
u^*_d	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
O_{Ma}	46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}	88.66	−9.62	88.21	88.73	96	r33j
L_{Ma}	54.22	−65.29	33.87	73.56	153	r57j
C_{Ma}	61.43	−30.53	−42.04	51.96	234	r81j
V_{Ma}	25.93	25.95	−47.37	54.01	299	j06g
M_{Ma}	47.92	73.53	−9.02	74.08	353	j25g
N_{Ma}	20.41	0.0	0.0	0.0	0	j45g
W_{Ma}	94.64	0.0	0.0	0.0	0	j65g
R_{Ma}	39.92	58.74	27.99	65.07	25	j85g
B_{Ma}	81.26	−2.89	71.56	71.62	92	g28b
G_{Ma}	52.23	−42.42	13.6	44.55	162	g65b
B_{Sh}	30.57	1.41	−46.47	46.49	272	g95b
O_{Sh}	46.89	66.19	40.28	77.48	31	r09j
o_{25y}	57.13	47.6	52.04	70.52	48	r33j
o_{50y}	66.36	30.85	62.62	69.81	64	r57j
o_{75y}	76.18	13.03	73.89	75.03	80	r81j
y_{00}	88.66	−9.62	88.21	88.73	96	j06g
y_{25l}	78.19	−26.54	71.69	76.45	110	j25g
y_{50l}	69.83	−40.06	58.5	70.9	124	j45g
y_{75l}	62.17	−52.44	46.41	70.03	138	j65g
l_{00c}	54.22	−65.29	33.87	73.56	153	j85g
l_{50c}	58.45	−44.92	−10.62	46.16	193	g28b
c_{00v}	61.43	−30.53	−42.04	51.96	234	g65b
c_{50v}	44.02	−2.84	−44.65	44.74	266	g95b
v_{00m}	25.93	25.95	−47.37	54.01	299	b23r
v_{50m}	35.2	46.01	−31.2	55.59	326	b47r
m_{00o}	47.92	73.53	−9.02	74.08	353	b71r
m_{50o}	47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*a^* = g00b$ lab^*ov^*

Hue texts: $u^*a^* = l00c$ $u^*_n = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

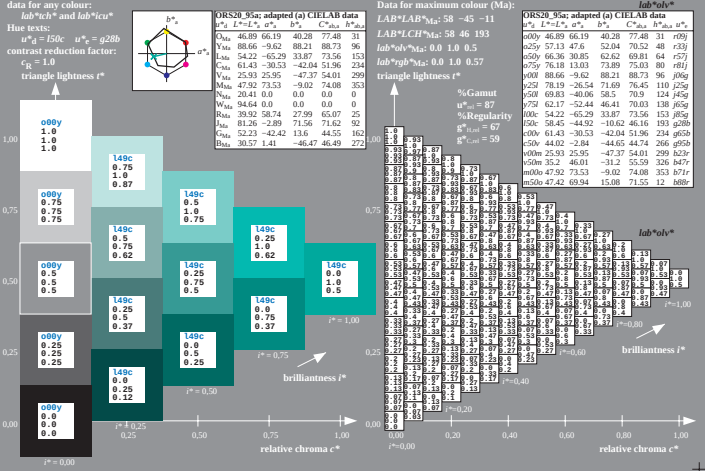
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*ov^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*a^* = g25b$ lab^*ov^*

Hue texts: $u^*a^* = g28b$ $u^*_n = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

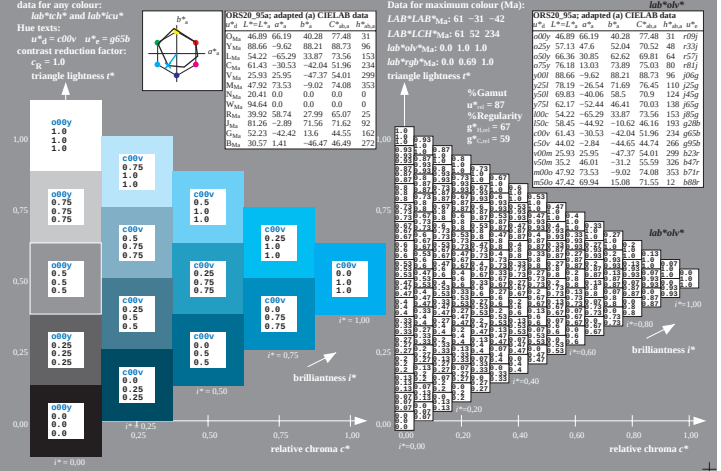
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*ov^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*a^* = g50b$ lab^*ov^*

Hue texts: $u^*a^* = c00v$ $u^*_n = g65b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

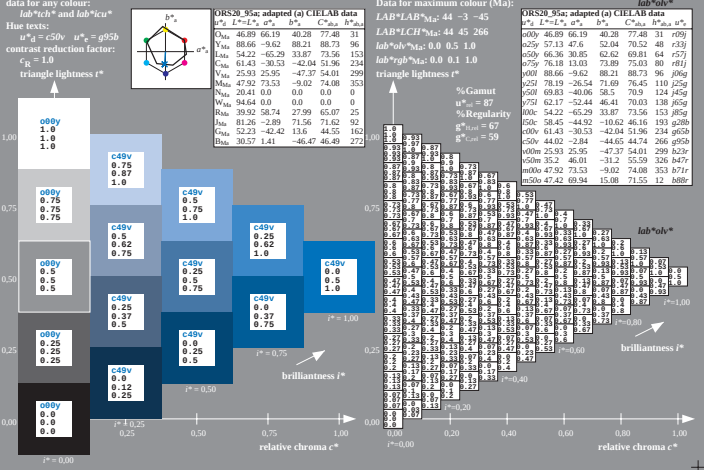
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*ov^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — $u^*a^* = g75b$ lab^*ov^*

Hue texts: $u^*a^* = c50v$ $u^*_n = g95b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

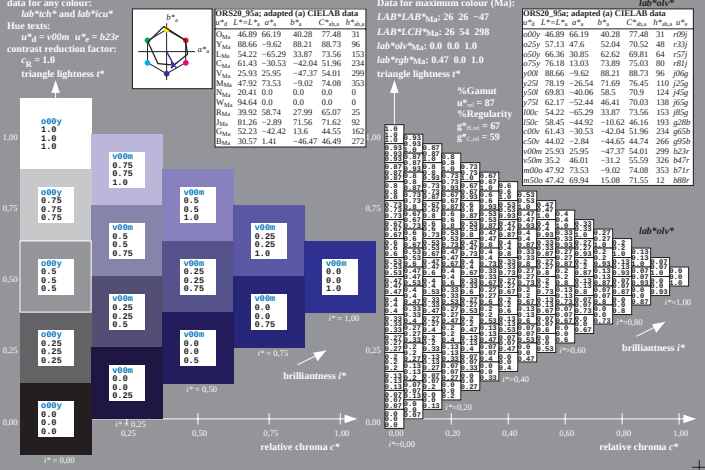
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*ov^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*a^* = b00r$ lab^*ov^*

Hue texts: $u^*a^* = v00m$ $u^*_n = b23r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

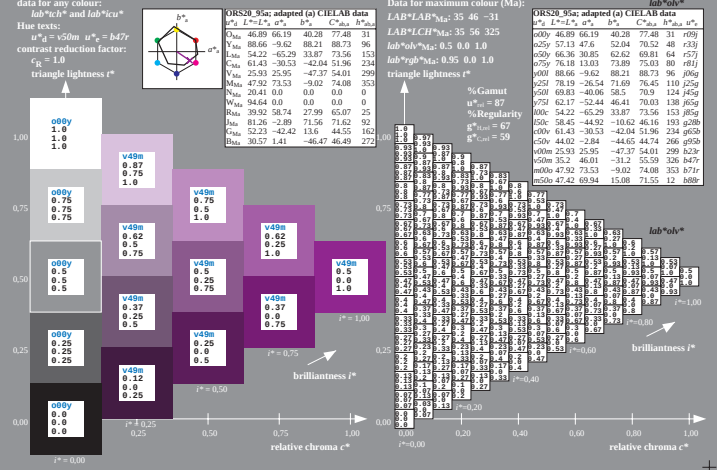
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*ov^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*a^* = b25r$ lab^*ov^*

Hue texts: $u^*a^* = v50m$ $u^*_n = b47r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

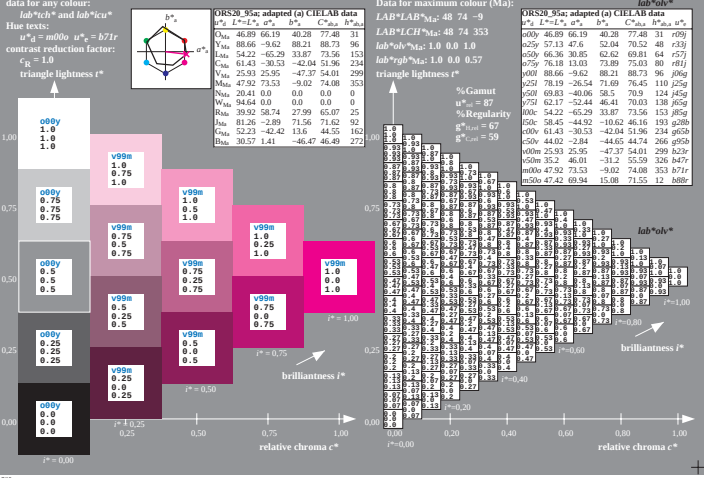
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*ov^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*a^* = b50r$ lab^*ov^*

Hue texts: $u^*a^* = m00o$ $u^*_n = b71r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

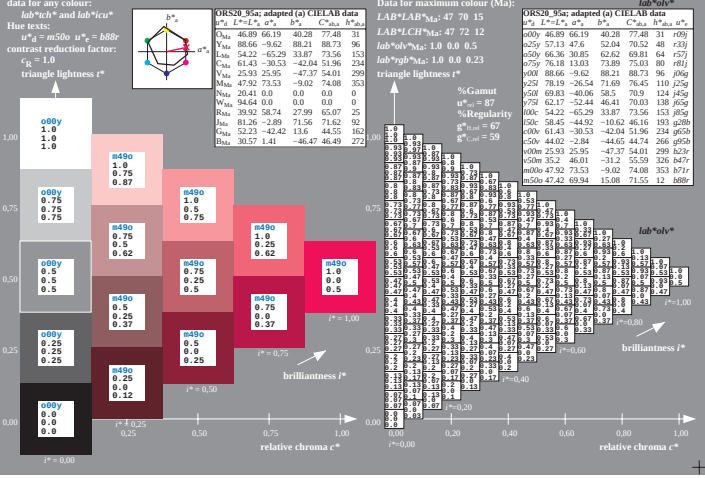
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*ov^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

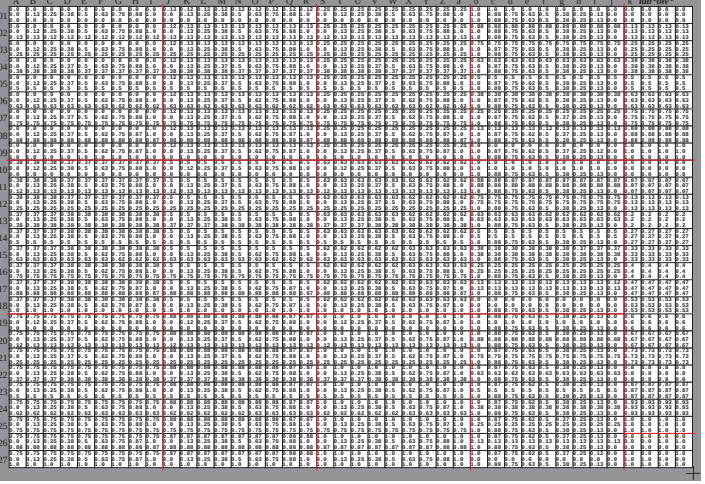


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*a^* = b75r$ lab^*ov^*

Hue texts: $u^*a^* = m50o$ $u^*_n = b88r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*ov^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$

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

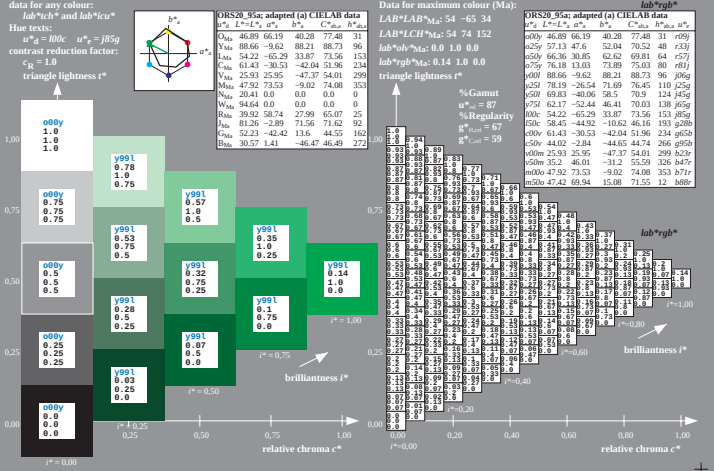
Hue texts: $u^*a^*d = l00c$ $u^*_w = j85q$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −65 34 $LAB^*LCH^*_{Ma}$: 54 74 152 $lab^*olv^*_{Ma}$: 0.0 1.0 0.0 $lab^*rgb^*_{Ma}$: 0.14 1.0 0.0

$u^*a^*d = g00b$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$

Data for any colour: lab^*ch^* and lab^*icu^*

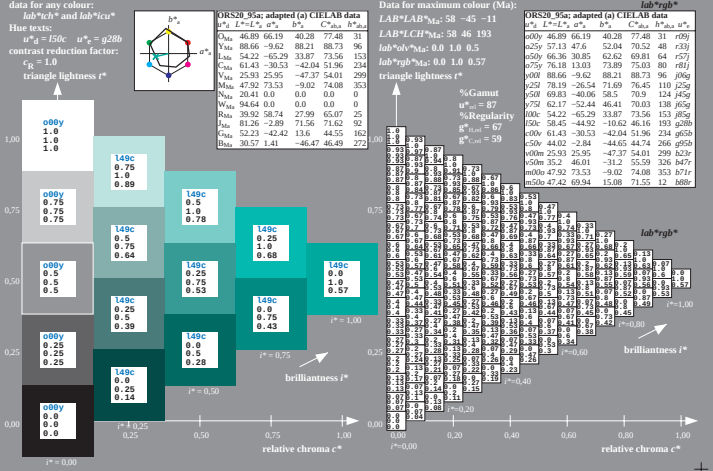
Hue texts: $u^*a^*d = g28b$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −45 −11 $LAB^*LCH^*_{Ma}$: 58 46 193 $lab^*olv^*_{Ma}$: 0.0 1.0 0.5 $lab^*rgb^*_{Ma}$: 0.0 1.0 0.57

$u^*a^*d = g25b$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$

Data for any colour: lab^*ch^* and lab^*icu^*

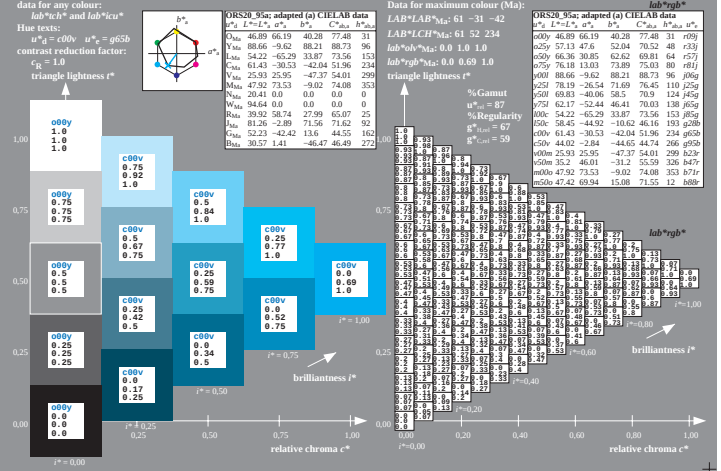
Hue texts: $u^*a^*d = c00v$ $u^*_w = g65b$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 61 −31 −42 $LAB^*LCH^*_{Ma}$: 61 52 234 $lab^*olv^*_{Ma}$: 0.0 1.0 1.0 $lab^*rgb^*_{Ma}$: 0.0 0.69 1.0

$u^*a^*d = g50b$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$

Data for any colour: lab^*ch^* and lab^*icu^*

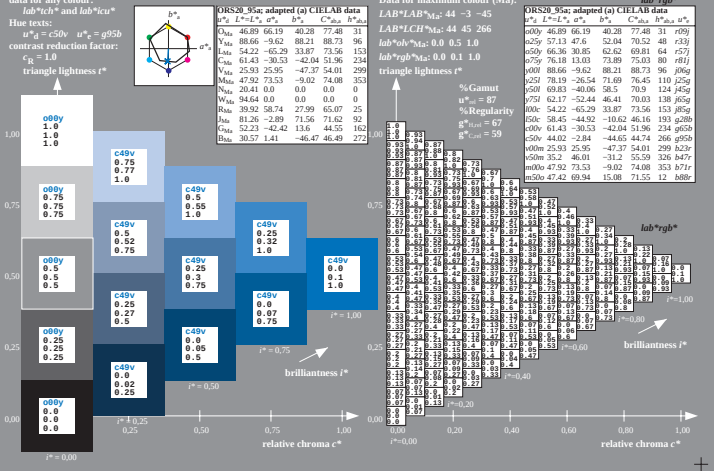
Hue texts: $u^*a^*d = c50v$ $u^*_w = g95b$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 44 −3 −45 $LAB^*LCH^*_{Ma}$: 44 45 266 $lab^*olv^*_{Ma}$: 0.0 0.5 1.0 $lab^*rgb^*_{Ma}$: 0.0 0.1 1.0

$u^*a^*d = g75b$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$

Data for any colour: lab^*ch^* and lab^*icu^*

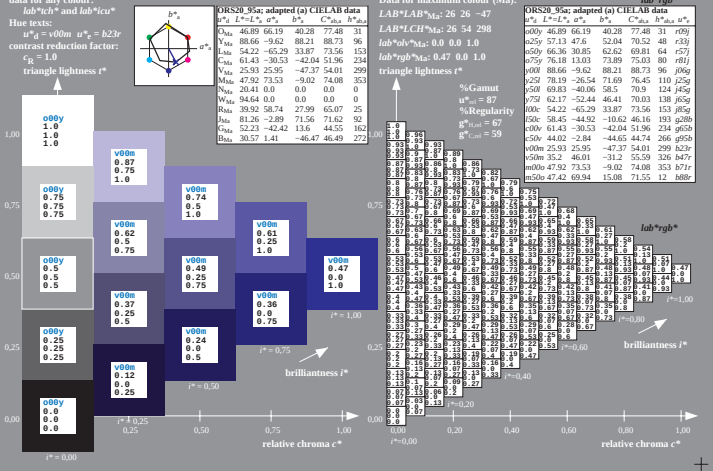
Hue texts: $u^*a^*d = v00m$ $u^*_w = b23r$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 26 −47 $LAB^*LCH^*_{Ma}$: 26 54 298 $lab^*olv^*_{Ma}$: 0.0 0.0 1.0 $lab^*rgb^*_{Ma}$: 0.47 0.0 1.0

$u^*a^*d = b00r$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$

Data for any colour: lab^*ch^* and lab^*icu^*

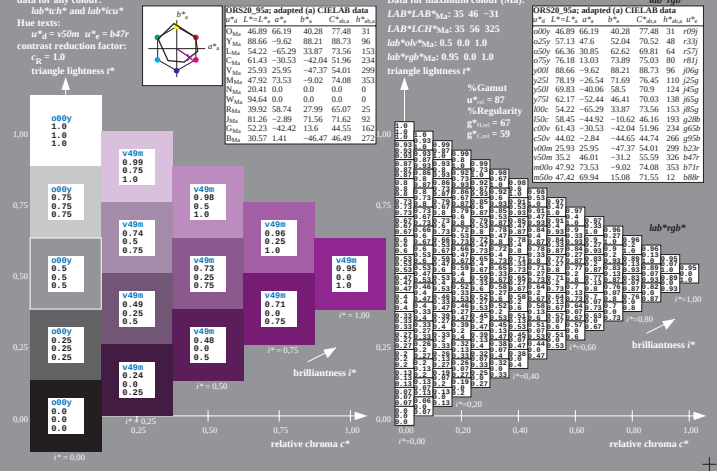
Hue texts: $u^*a^*d = v50m$ $u^*_w = b47r$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 35 46 −31 $LAB^*LCH^*_{Ma}$: 35 56 325 $lab^*olv^*_{Ma}$: 0.5 0.0 1.0 $lab^*rgb^*_{Ma}$: 0.95 0.0 1.0

$u^*a^*d = b25r$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$

Data for any colour: lab^*ch^* and lab^*icu^*

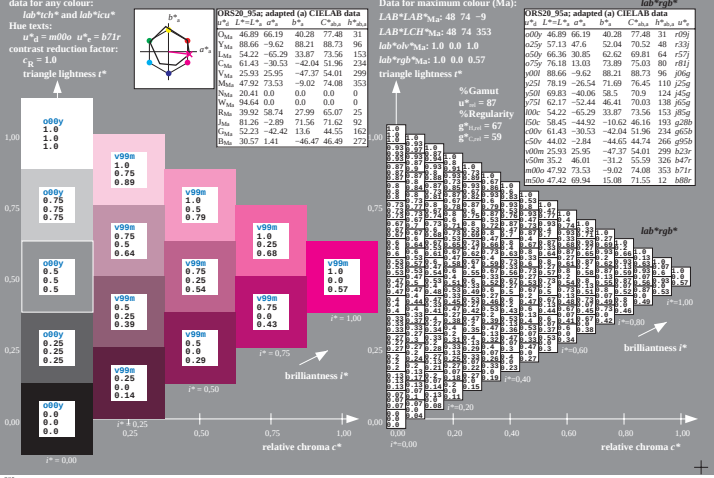
Hue texts: $u^*a^*d = m00o$ $u^*_w = b71r$

contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 74 −9 $LAB^*LCH^*_{Ma}$: 48 74 353 $lab^*olv^*_{Ma}$: 1.0 0.0 1.0 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

$u^*a^*d = b50r$ lab^*rgb^*



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$

Data for any colour: lab^*ch^* and lab^*icu^*

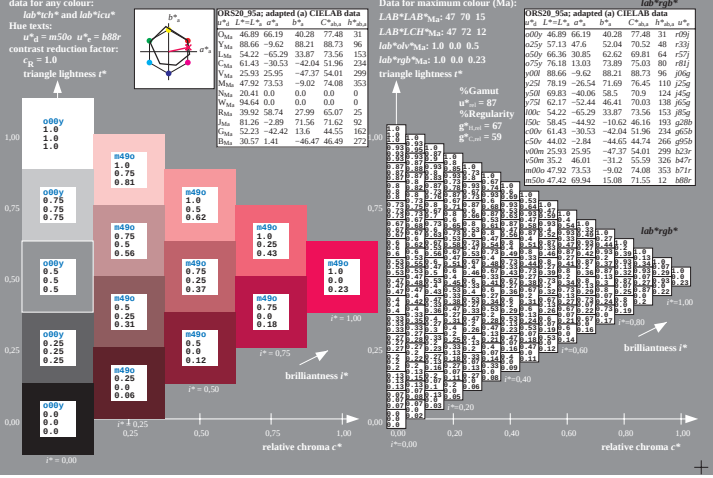
Hue texts: $u^*a^*d = m50o$ $u^*_w = b88r$

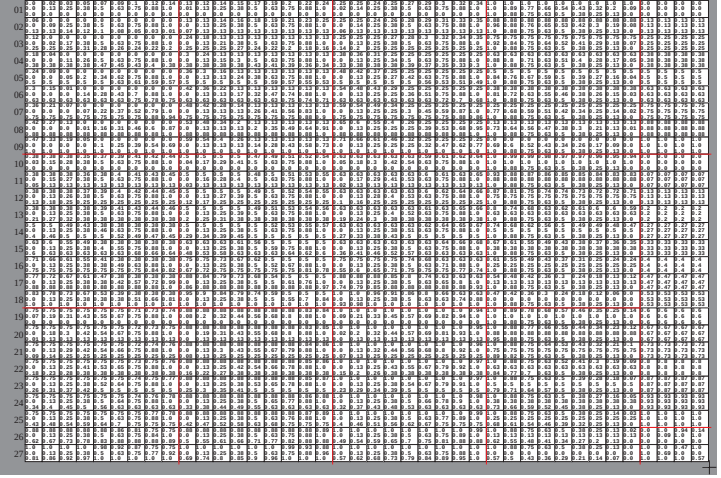
contrast reduction factor: $c_R = 1.0$

triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 47 70 15 $LAB^*LCH^*_{Ma}$: 47 72 12 $lab^*olv^*_{Ma}$: 1.0 0.0 0.5 $lab^*rgb^*_{Ma}$: 1.0 0.0 0.23

$u^*a^*d = b75r$ lab^*rgb^*

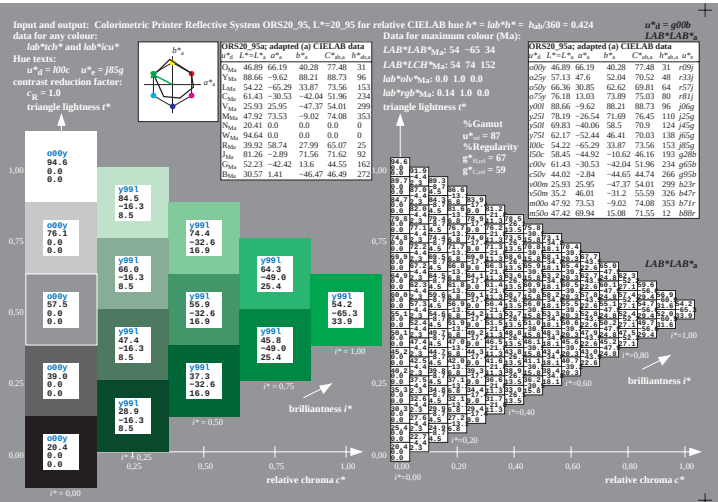




Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*a^* = g00b$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = l00c$ $u^*_w = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

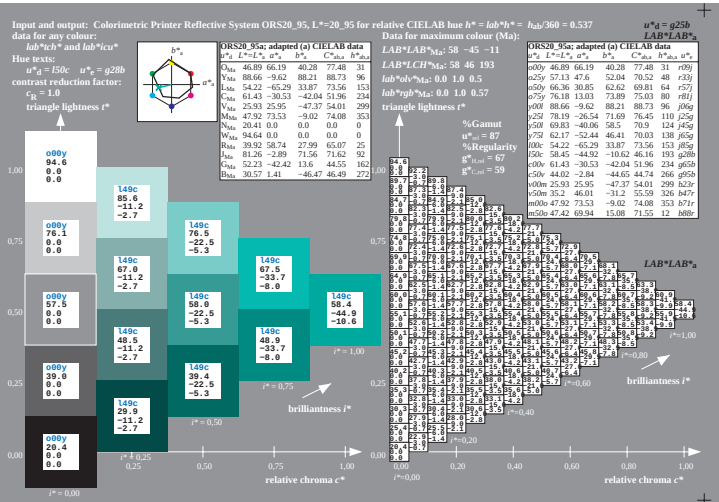
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*a^* = g25b$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = g28b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

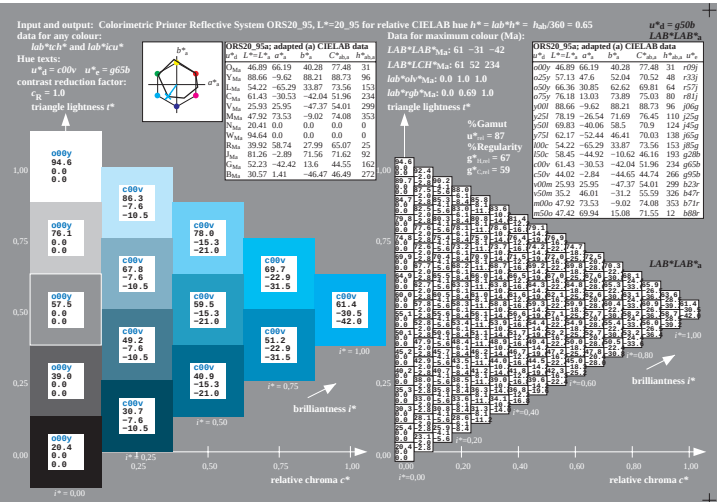
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*a^* = g50b$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = c00v$ $u^*_w = g65b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

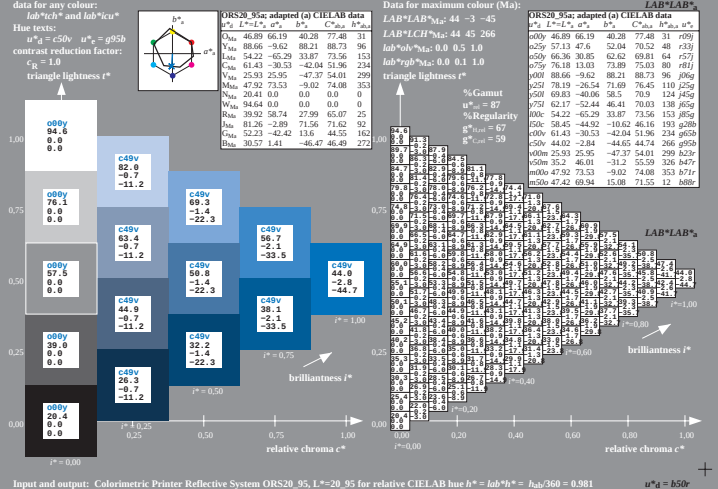
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — $u^*a^* = g75b$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = c50v$ $u^*_w = g95b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

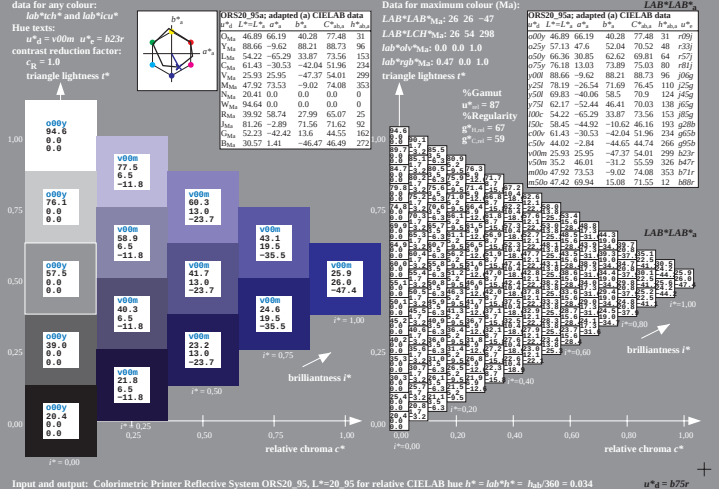
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*a^* = b00r$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = v00m$ $u^*_w = b23r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

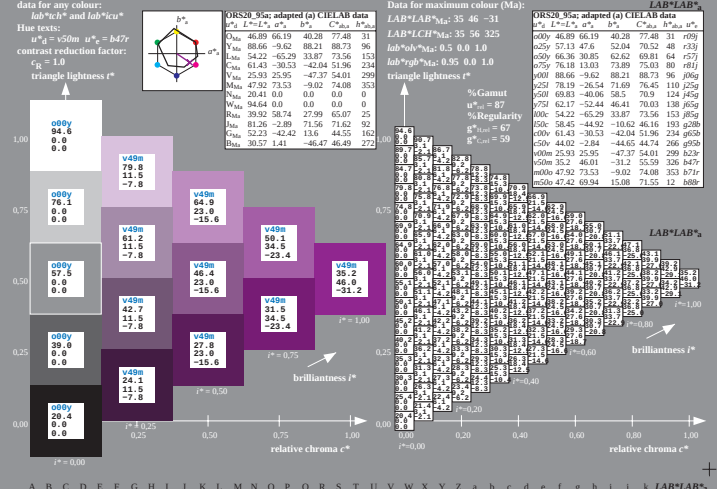
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*a^* = b25r$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = v50m$ $u^*_w = b47r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

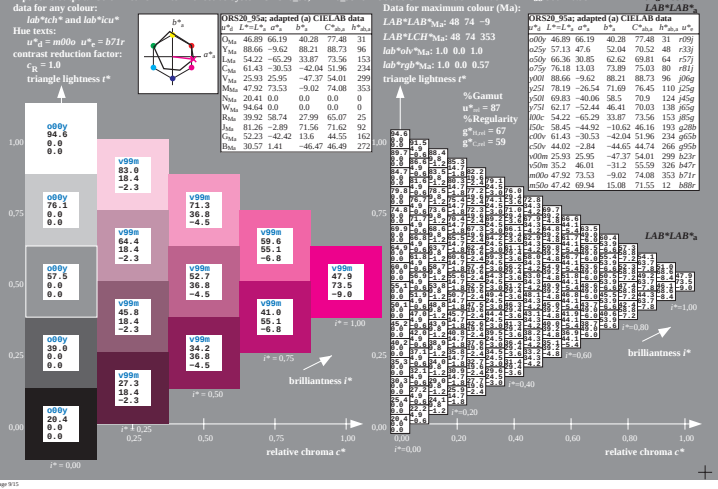
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*a^* = b50r$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = m00o$ $u^*_w = b71r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

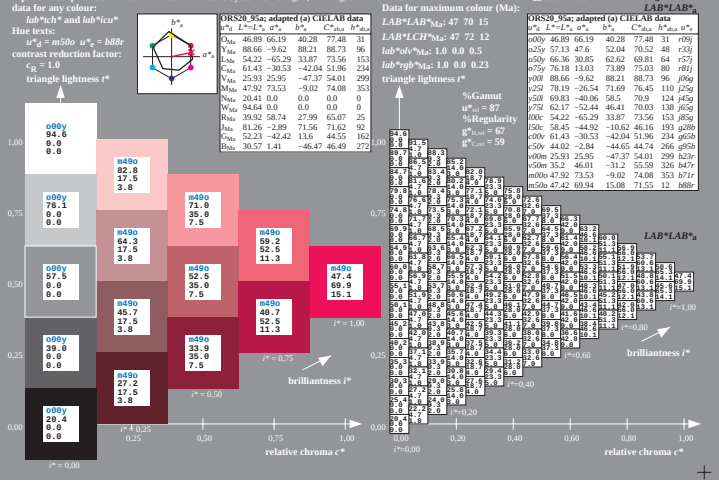
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

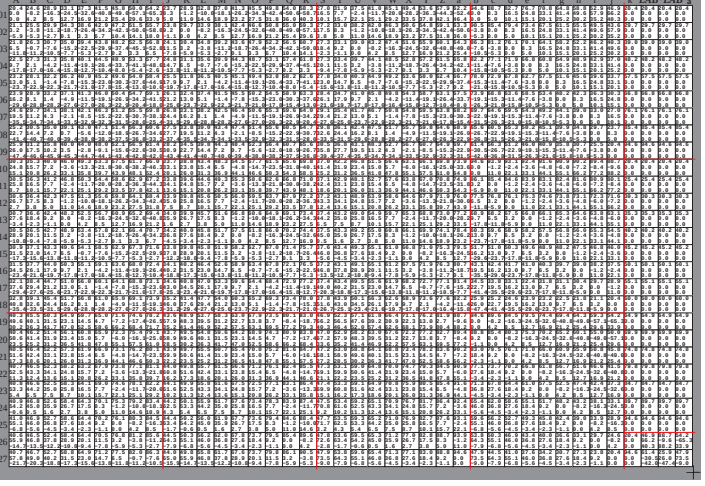


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*a^* = b75r$, $LAB^*LAB^*_a$

Hue texts: $u^*a^* = m50o$ $u^*_w = b88r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23





Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*_d = g00b$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = l00c$ $u^*_n = j85g$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −65 34; $LAB^*LCH^*_{Ma}$: 54 74 152; $lab^*olv^*_{Ma}$: 0.0 1.0 0.0; $lab^*rgb^*_{Ma}$: 0.14 1.0 0.0; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*_d = g25b$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = l50c$ $u^*_n = g28b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −45 −11; $LAB^*LCH^*_{Ma}$: 58 46 193; $lab^*olv^*_{Ma}$: 0.0 1.0 0.5; $lab^*rgb^*_{Ma}$: 0.0 1.0 0.57; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*_d = g50b$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = c00v$ $u^*_n = g65b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 61 −31 −42; $LAB^*LCH^*_{Ma}$: 61 52 234; $lab^*olv^*_{Ma}$: 0.0 1.0 1.0; $lab^*rgb^*_{Ma}$: 0.0 0.69 1.0; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — $u^*_d = g75b$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = c50v$ $u^*_n = g95b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 44 −3 −45; $LAB^*LCH^*_{Ma}$: 44 45 266; $lab^*olv^*_{Ma}$: 0.0 0.5 1.0; $lab^*rgb^*_{Ma}$: 0.0 0.1 1.0; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*_d = b00r$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = v00m$ $u^*_n = b23r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 26 −47; $LAB^*LCH^*_{Ma}$: 26 54 298; $lab^*olv^*_{Ma}$: 0.0 0.0 1.0; $lab^*rgb^*_{Ma}$: 0.47 0.0 1.0; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*_d = b25r$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = v50m$ $u^*_n = b47r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 35 46 −31; $LAB^*LCH^*_{Ma}$: 35 56 325; $lab^*olv^*_{Ma}$: 0.5 0.0 1.0; $lab^*rgb^*_{Ma}$: 0.95 0.0 1.0; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*_d = b50r$ $LAB^*LCH^*_h$

Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = m00o$ $u^*_n = b71r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 74 −9; $LAB^*LCH^*_{Ma}$: 48 74 353; $lab^*olv^*_{Ma}$: 1.0 0.0 1.0; $lab^*rgb^*_{Ma}$: 1.0 0.0 0.57; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*_d = b75r$ $LAB^*LCH^*_h$

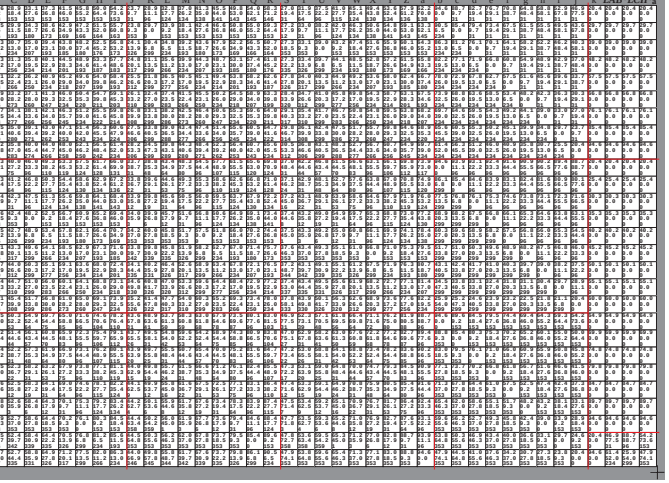
Data for any colour: lab^*ch^* and lab^*icu^*; Hue texts: $u^*_d = m50o$ $u^*_n = b88r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 47 70 15; $LAB^*LCH^*_{Ma}$: 47 72 12; $lab^*olv^*_{Ma}$: 1.0 0.0 0.5; $lab^*rgb^*_{Ma}$: 1.0 0.0 0.23; triangle lightness t^*

%Gamut $u^*_{tol} = 87$; %Regularity $g^*_{tLrel} = 67$; $g^*_{Crel} = 59$

ORS20_95; adapted (a) CIELAB data

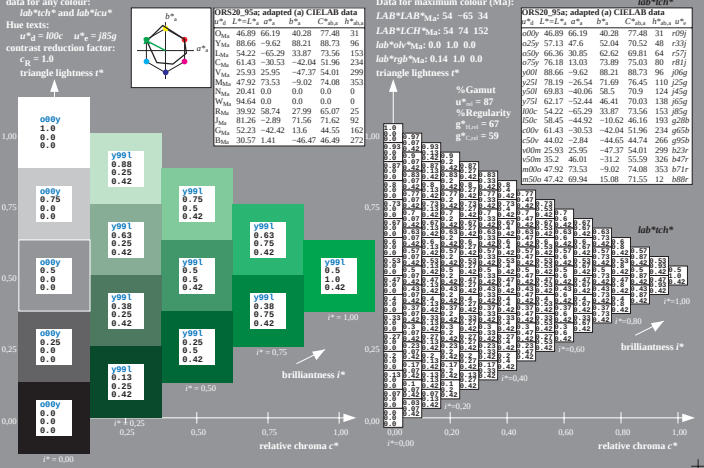
	u^*_d	$L^*=L^*_n$	a^*_n	b^*_n	$C^*_{ab,n}$	$h^*_{ab,n}$	u^*_n
O_{Ma}		46.89	66.19	40.28	77.48	31	r09j
Y_{Ma}		88.66	−9.62	88.21	88.73	96	
L_{Ma}		54.22	−65.29	33.87	73.56	153	
C_{Ma}		61.43	−30.53	−42.04	51.96	234	
V_{Ma}		25.93	25.95	−47.37	54.01	299	
M_{Ma}		47.92	73.53	−9.02	74.08	353	
N_{Ma}		20.41	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	
B_{Ma}		81.26	−2.89	71.56	71.62	92	
G_{Ma}		52.23	−42.42	13.6	44.55	162	
B_{SS}		30.57	1.41	−46.47	46.49	272	
c00y		46.89	66.19	40.28	77.48	31	r09j
c25y		57.13	47.6	52.04	70.52	48	r33j
c50y		66.36	30.85	62.62	69.81	64	r57j
c75y		76.18	13.03	73.89	75.03	80	r81j
y00f		88.66	−9.62	88.21	88.73	96	j06g
y25f		78.19	−26.54	71.69	76.45	110	j25g
y50f		69.83	−40.06	58.5	70.9	124	j45g
y75f		62.17	−52.44	46.41	70.03	138	j65g
l00c		54.22	−65.29	33.87	73.56	153	j85g
l25c		58.45	−44.92	−10.62	46.16	193	g28b
c00v		61.43	−30.53	−42.04	51.96	234	g65b
c50v		44.02	−2.84	−44.65	44.74	266	g95b
c00m		25.93	25.95	−47.37	54.01	299	b23r
c50m		35.2	46.01	−31.2	55.59	326	b47r
m00o		47.92	73.53	−9.02	74.08	353	b71r
m50o		47.42	69.94	15.08	71.55	12	b88r



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*a^* = g00b$ lab^*ch^*

Hue texts: $u^*a^* = l00c$ $u^*_w = j85q$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

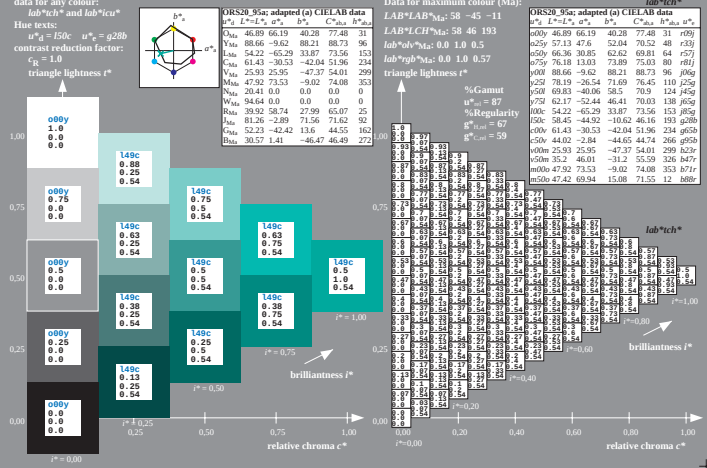
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*a^* = g25b$ lab^*ch^*

Hue texts: $u^*a^* = g28b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

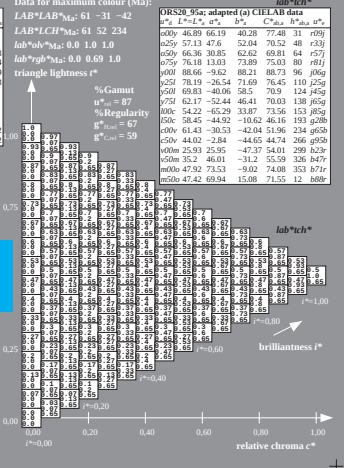
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*a^* = g50b$ lab^*ch^*

Hue texts: $u^*a^* = c00v$ $u^*_w = g65b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

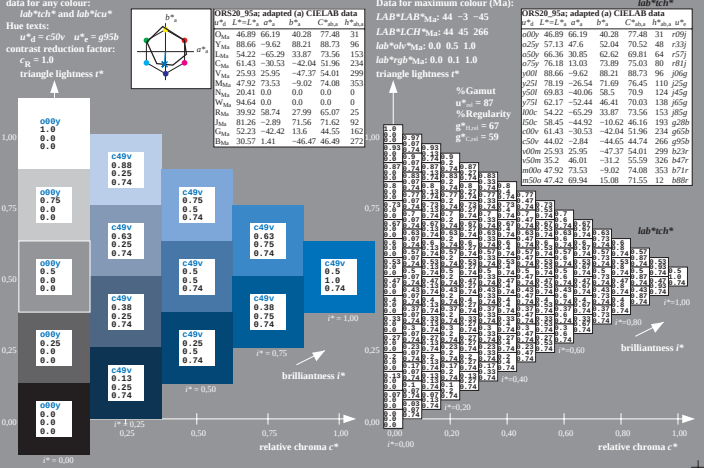
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — $u^*a^* = g75b$ lab^*ch^*

Hue texts: $u^*a^* = c50v$ $u^*_w = g95b$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

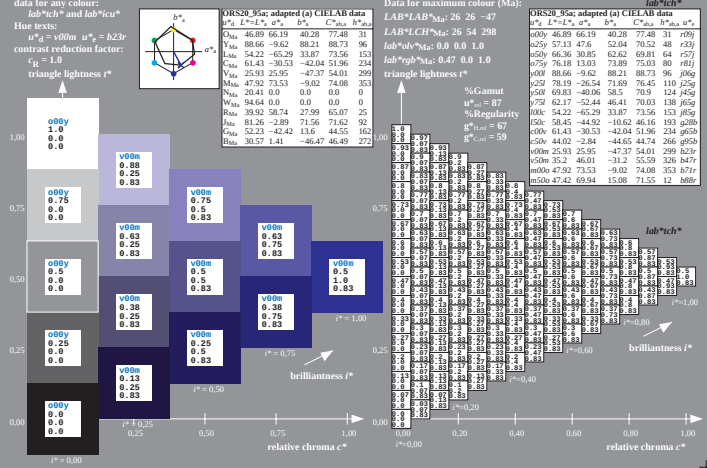
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*a^* = b00r$ lab^*ch^*

Hue texts: $u^*a^* = v00m$ $u^*_w = b23r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

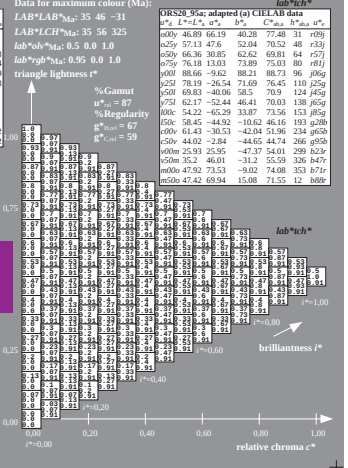
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*a^* = b25r$ lab^*ch^*

Hue texts: $u^*a^* = b47r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

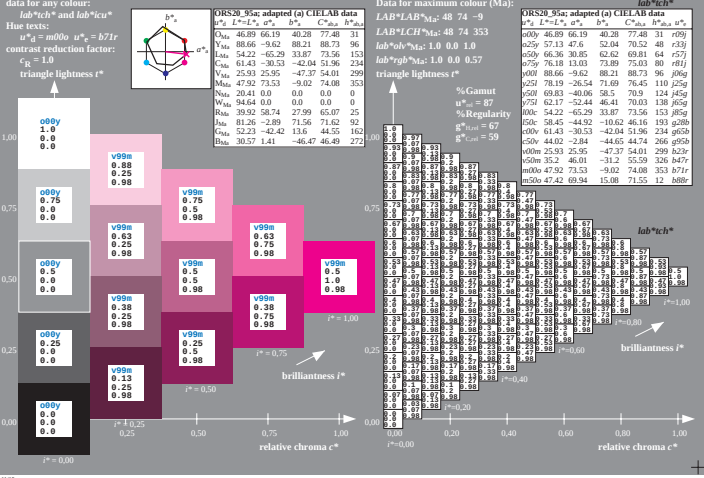
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*a^* = b50r$ lab^*ch^*

Hue texts: $u^*a^* = m00o$ $u^*_w = b71r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

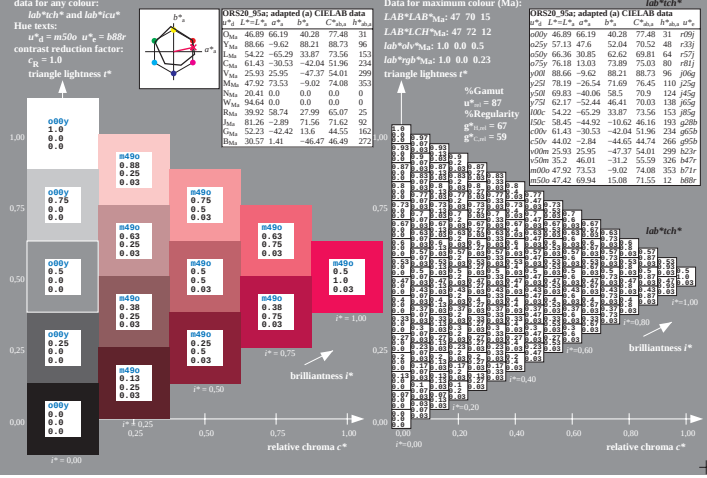
Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

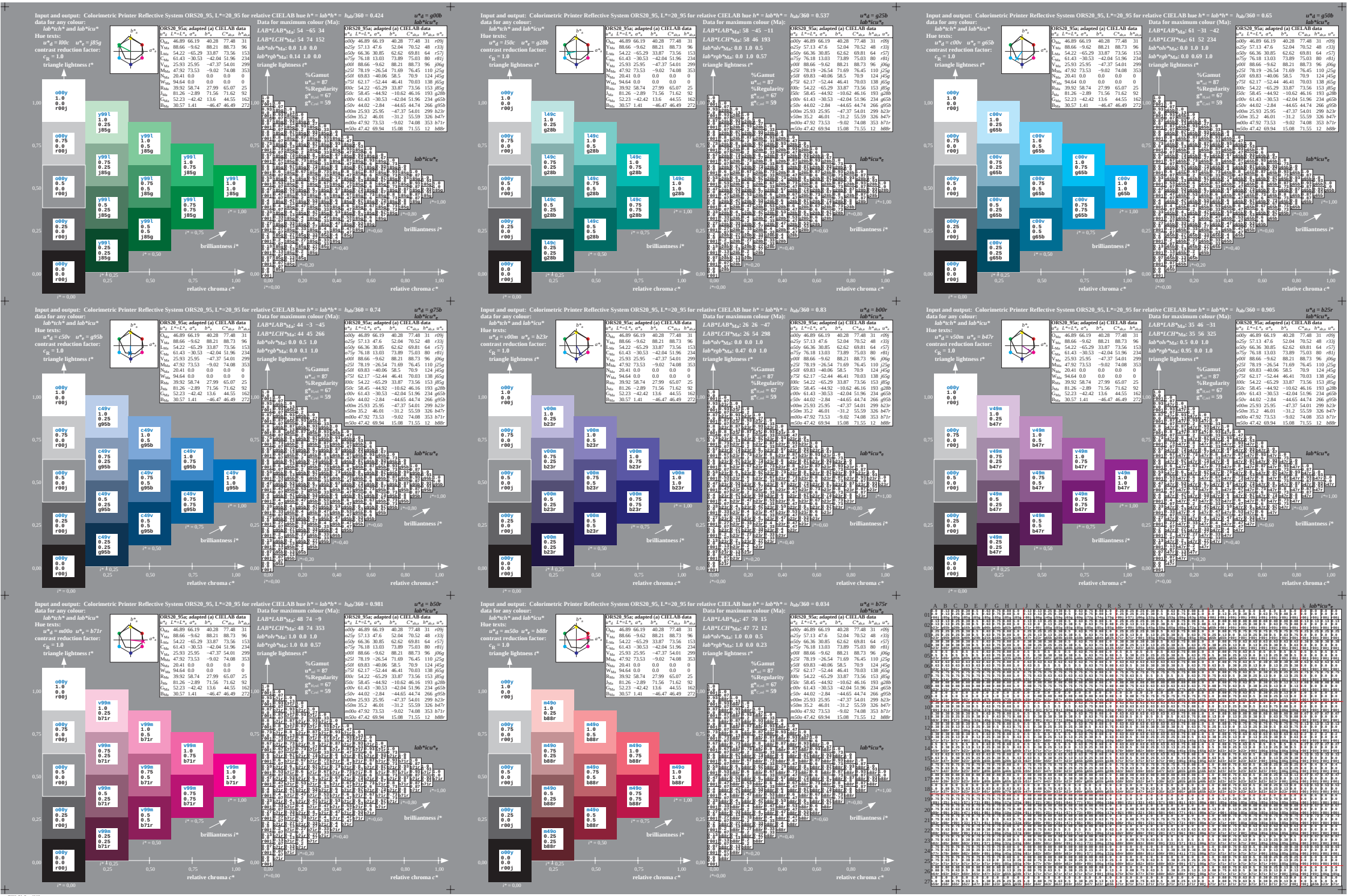


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*a^* = b75r$ lab^*ch^*

Hue texts: $u^*a^* = m50o$ $u^*_w = b88r$
contrast reduction factor: $c_R = 1.0$
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23

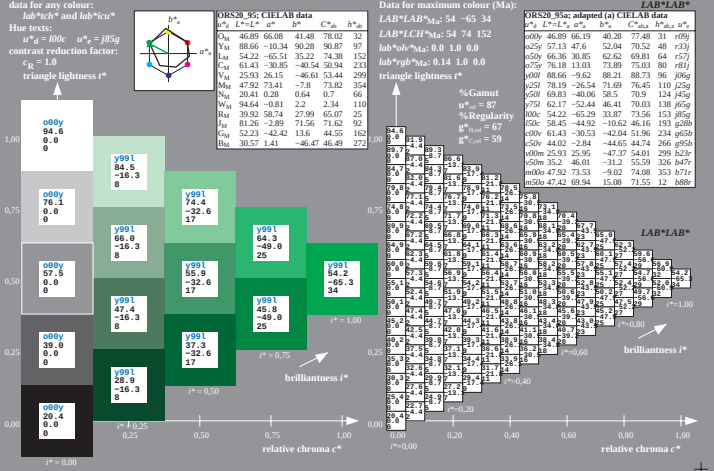



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.424
data for any colour: lab*ch* and lab*icu*
Hue texts: u*d = l00c u*e = j85g
contrast reduction factor: cR = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 54 −65 34 LAB*LCH*Ma: 54 74 152 lab*olv*Ma: 0.0 1.0 0.0 lab*rgb*Ma: 0.14 1.0 0.0
u*d = g00b lab*icu*c
ORS20_95a: adapted (a) CIELAB data
%Gamut u*ui = 87 %Regularity g*tLrel = 67 g*CLrel = 59
lab*icu*c
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.537
Data for maximum colour (Ma): LAB*LAB*Ma: 58 −45 −11 LAB*LCH*Ma: 58 46 193 lab*olv*Ma: 0.0 1.0 0.5 lab*rgb*Ma: 0.0 1.0 0.57
u*d = g25b lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.65
Data for maximum colour (Ma): LAB*LAB*Ma: 61 −31 −42 LAB*LCH*Ma: 61 52 234 lab*olv*Ma: 0.0 1.0 1.0 lab*rgb*Ma: 0.0 0.69 1.0
u*d = g50b lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.74
Data for maximum colour (Ma): LAB*LAB*Ma: 44 −3 −45 LAB*LCH*Ma: 44 45 266 lab*olv*Ma: 0.0 0.5 1.0 lab*rgb*Ma: 0.0 0.1 1.0
u*d = g75b lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.83
Data for maximum colour (Ma): LAB*LAB*Ma: 26 26 −47 LAB*LCH*Ma: 26 54 298 lab*olv*Ma: 0.0 0.0 1.0 lab*rgb*Ma: 0.47 0.0 1.0
u*d = b00r lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.905
Data for maximum colour (Ma): LAB*LAB*Ma: 35 46 −31 LAB*LCH*Ma: 35 56 325 lab*olv*Ma: 0.5 0.0 1.0 lab*rgb*Ma: 0.95 0.0 1.0
u*d = b25r lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.981
Data for maximum colour (Ma): LAB*LAB*Ma: 48 74 −9 LAB*LCH*Ma: 48 74 353 lab*olv*Ma: 1.0 0.0 1.0 lab*rgb*Ma: 1.0 0.0 0.57
u*d = b50r lab*icu*c
Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue h* = lab*h* = hab/360 = 0.034
Data for maximum colour (Ma): LAB*LAB*Ma: 47 70 15 LAB*LCH*Ma: 47 72 12 lab*olv*Ma: 1.0 0.0 0.5 lab*rgb*Ma: 1.0 0.0 0.23
u*d = b75r lab*icu*c

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*_d = g00b$ LAB*LAB*

Hue texts: $u^*_d = l00c$ $u^*_e = j85g$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

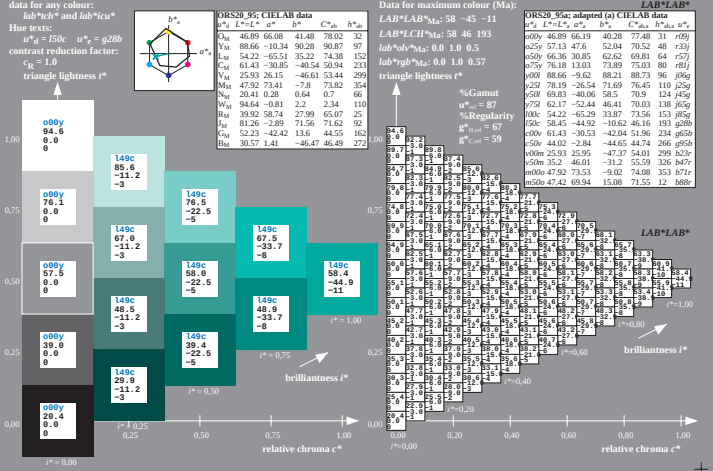
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 54 −65 34; $LAB^*LCH^*_{Ma}$: 54 74 152; $lab^*olv^*_{Ma}$: 0.0 1.0 0.0; $lab^*rgb^*_{Ma}$: 0.14 1.0 0.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*_d = g25b$ LAB*LAB*

Hue texts: $u^*_d = g28b$ $u^*_e = l50c$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

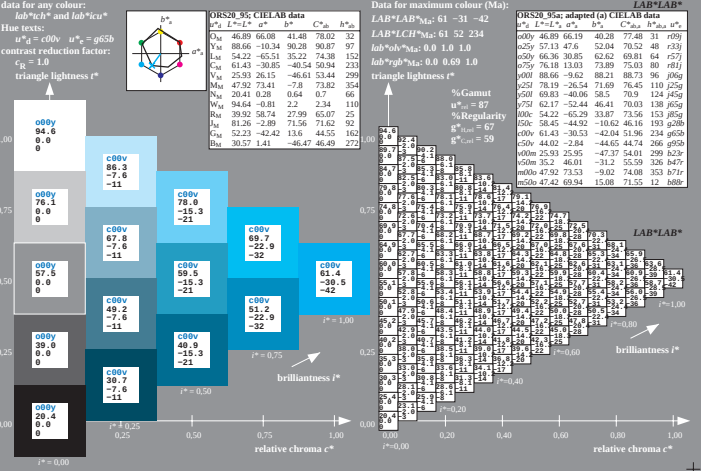
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 58 −45 −11; $LAB^*LCH^*_{Ma}$: 58 46 193; $lab^*olv^*_{Ma}$: 0.0 1.0 0.5; $lab^*rgb^*_{Ma}$: 0.0 1.0 0.57



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*_d = g50b$ LAB*LAB*

Hue texts: $u^*_d = c00v$ $u^*_e = g65b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

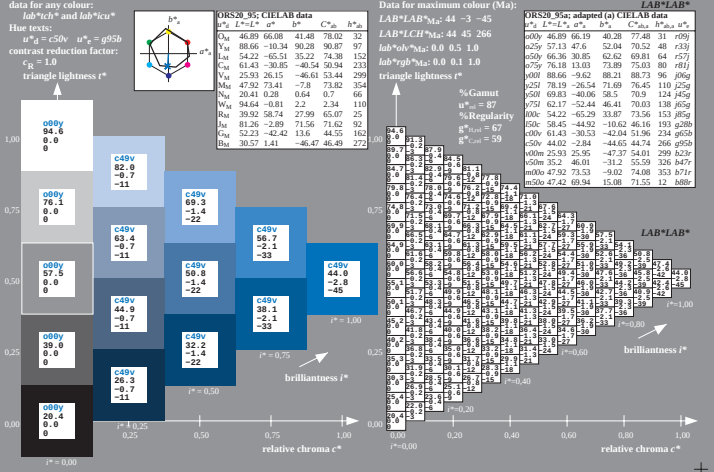
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 61 −31 −42; $LAB^*LCH^*_{Ma}$: 61 52 234; $lab^*olv^*_{Ma}$: 0.0 1.0 1.0; $lab^*rgb^*_{Ma}$: 0.0 0.69 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.074$ — $u^*_d = g75b$ LAB*LAB*

Hue texts: $u^*_d = c50v$ $u^*_e = g95b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

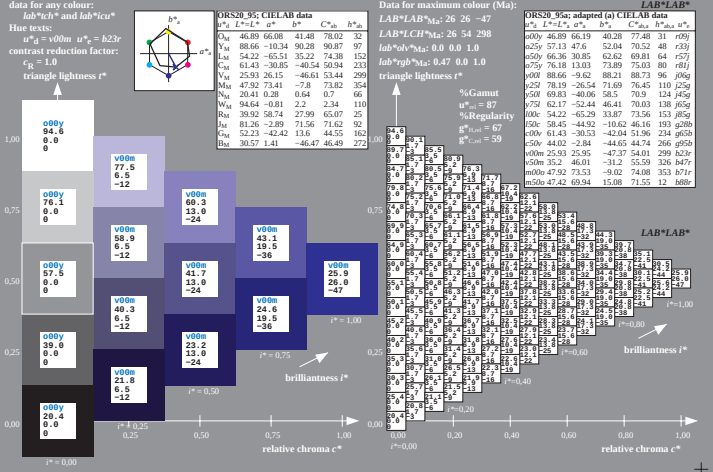
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 44 −3 −45; $LAB^*LCH^*_{Ma}$: 44 45 266; $lab^*olv^*_{Ma}$: 0.0 0.5 1.0; $lab^*rgb^*_{Ma}$: 0.0 0.1 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*_d = b00r$ LAB*LAB*

Hue texts: $u^*_d = v00m$ $u^*_e = b23r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

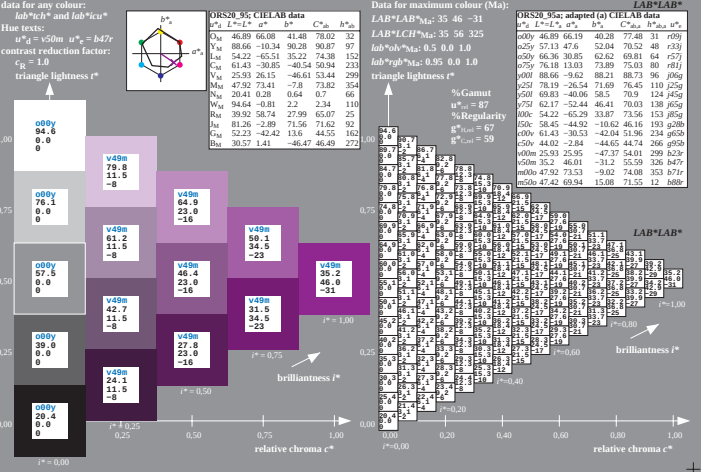
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 26 26 −47; $LAB^*LCH^*_{Ma}$: 26 54 298; $lab^*olv^*_{Ma}$: 0.0 0.0 1.0; $lab^*rgb^*_{Ma}$: 0.47 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*_d = b25r$ LAB*LAB*

Hue texts: $u^*_d = v50m$ $u^*_e = b47r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

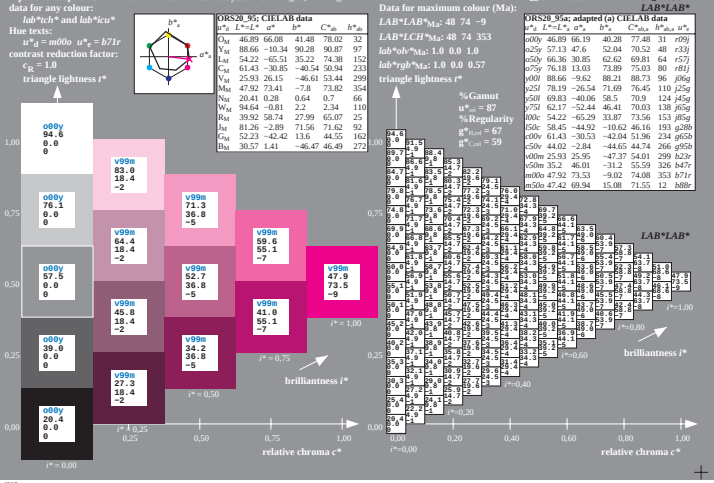
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 35 46 −31; $LAB^*LCH^*_{Ma}$: 35 56 325; $lab^*olv^*_{Ma}$: 0.5 0.0 1.0; $lab^*rgb^*_{Ma}$: 0.95 0.0 1.0



Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*_d = b50r$ LAB*LAB*

Hue texts: $u^*_d = m00o$ $u^*_e = b71r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

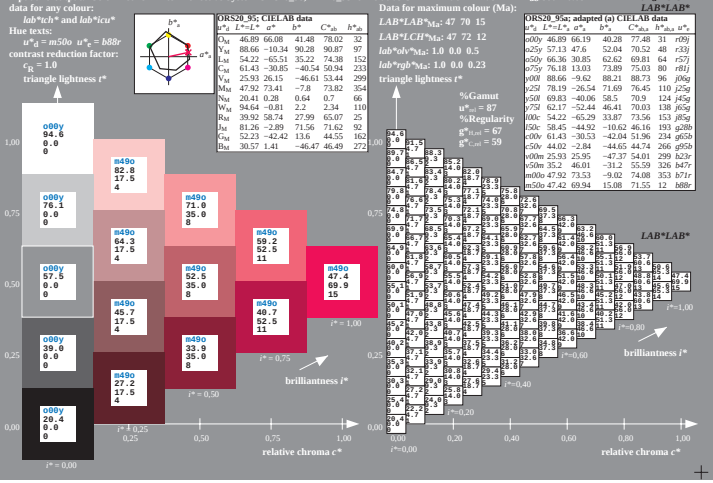
Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 48 74 −9; $LAB^*LCH^*_{Ma}$: 48 74 353; $lab^*olv^*_{Ma}$: 1.0 0.0 1.0; $lab^*rgb^*_{Ma}$: 1.0 0.0 0.57

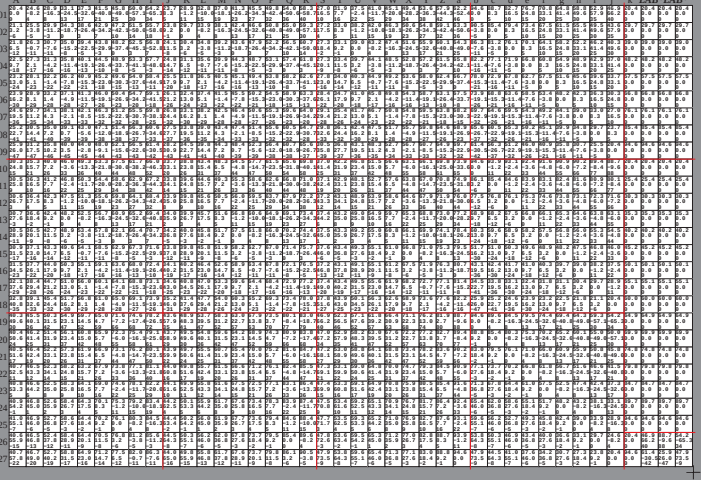


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*_d = b75r$ LAB*LAB*

Hue texts: $u^*_d = m50o$ $u^*_e = b88r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): $LAB^*LAB^*_{Ma}$: 47 70 15; $LAB^*LCH^*_{Ma}$: 47 72 12; $lab^*olv^*_{Ma}$: 1.0 0.0 0.5; $lab^*rgb^*_{Ma}$: 1.0 0.0 0.23

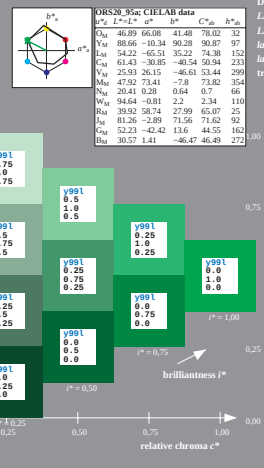


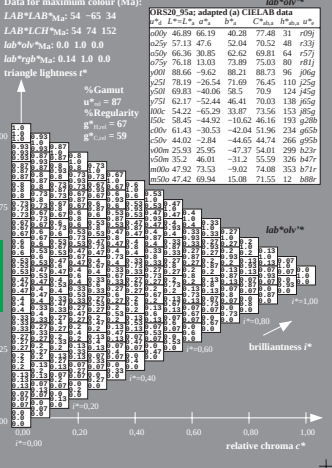


Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — u^*_d = g00b, lab^*olv^*

Hue texts: u^*_d = l00c u^*_e = j85q
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 54 −65 34
$LAB^*LCH^*_{Ma}$: 54 74 152
$lab^*olv^*_{Ma}$: 0.0 1.0 0.0
$lab^*rgb^*_{Ma}$: 0.14 1.0 0.0





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

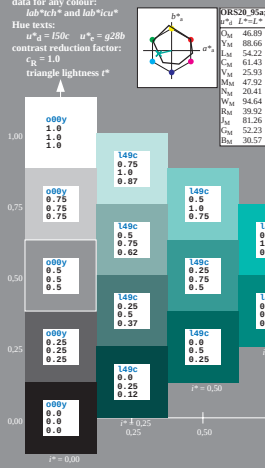
ORS20_95a; adapted (a) CIELAB data

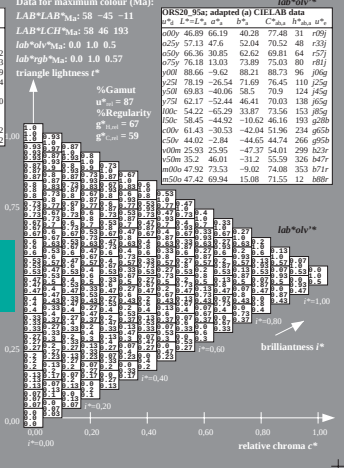
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — u^*_d = g25b, lab^*olv^*

Hue texts: u^*_d = g28b
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 58 −45 −11
$LAB^*LCH^*_{Ma}$: 58 46 193
$lab^*olv^*_{Ma}$: 0.0 1.0 0.5
$lab^*rgb^*_{Ma}$: 0.0 1.0 0.57





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

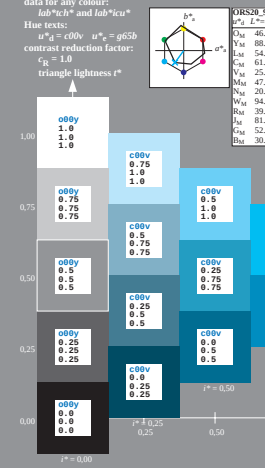
ORS20_95a; adapted (a) CIELAB data

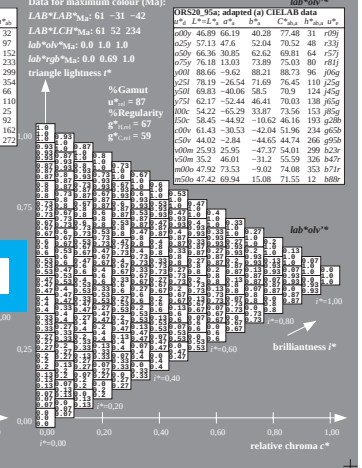
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — u^*_d = g50b, lab^*olv^*

Hue texts: u^*_d = c00v u^*_e = g65b
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 61 −31 −42
$LAB^*LCH^*_{Ma}$: 61 52 234
$lab^*olv^*_{Ma}$: 0.0 1.0 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.69 1.0





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

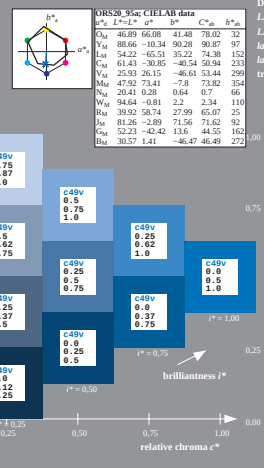
ORS20_95a; adapted (a) CIELAB data

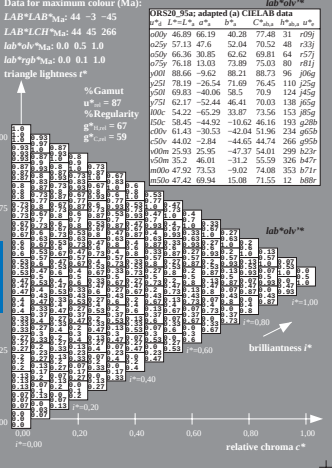
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — u^*_d = g75b, lab^*olv^*

Hue texts: u^*_d = c50v u^*_e = g95b
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 44 −3 −45
$LAB^*LCH^*_{Ma}$: 44 45 266
$lab^*olv^*_{Ma}$: 0.0 0.5 1.0
$lab^*rgb^*_{Ma}$: 0.0 0.1 1.0





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

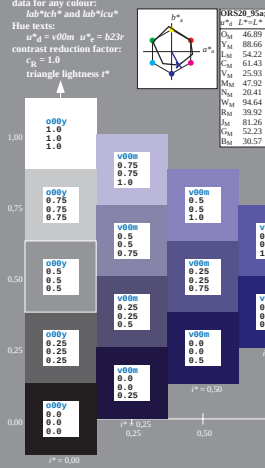
ORS20_95a; adapted (a) CIELAB data

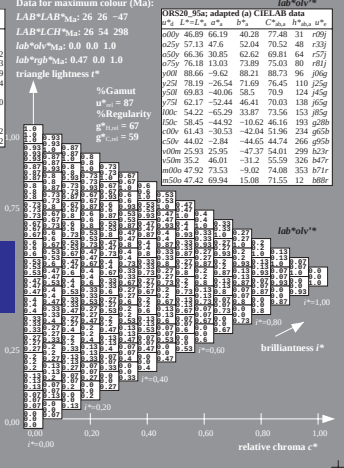
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — u^*_d = b00r, lab^*olv^*

Hue texts: u^*_d = v00m u^*_e = b23r
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 26 26 −47
$LAB^*LCH^*_{Ma}$: 26 54 298
$lab^*olv^*_{Ma}$: 0.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.47 0.0 1.0





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

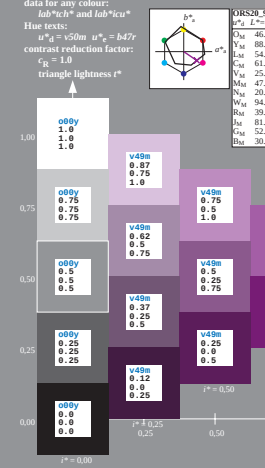
ORS20_95a; adapted (a) CIELAB data

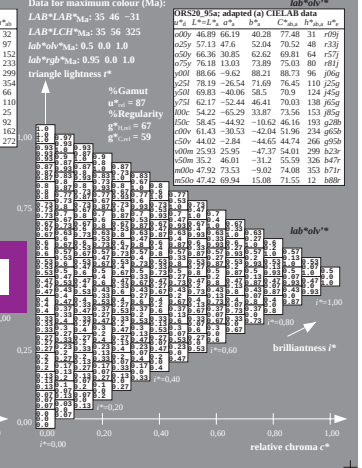
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — u^*_d = b25r, lab^*olv^*

Hue texts: u^*_d = v50m u^*_e = b47r
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 35 46 −31
$LAB^*LCH^*_{Ma}$: 35 56 325
$lab^*olv^*_{Ma}$: 0.5 0.0 1.0
$lab^*rgb^*_{Ma}$: 0.95 0.0 1.0





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

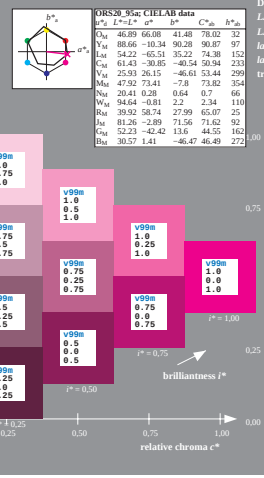
ORS20_95a; adapted (a) CIELAB data

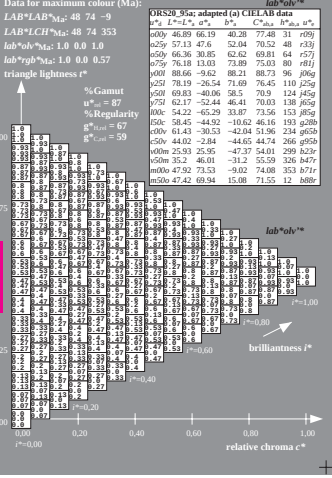
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — u^*_d = b50r, lab^*olv^*

Hue texts: u^*_d = m00o u^*_e = b71r
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 48 74 −9
$LAB^*LCH^*_{Ma}$: 48 74 353
$lab^*olv^*_{Ma}$: 1.0 0.0 1.0
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.57





ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07	25
B_{Md}	81.26	−2.89	71.56	71.62	92
G_{Md}	52.23	−42.42	13.6	44.55	162
B_{St}	30.57	1.41	−46.47	46.49	272

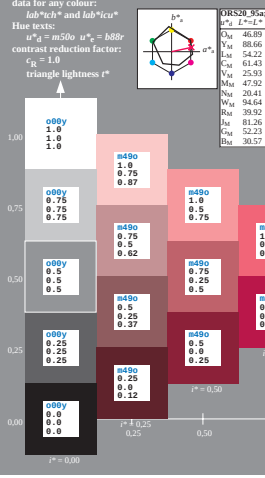
ORS20_95a; adapted (a) CIELAB data

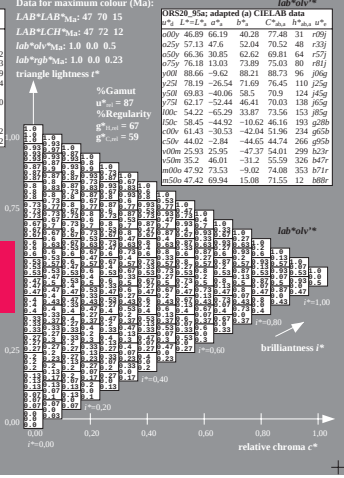
u^*_d	$L^*=L^*$	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$	u^*_e
o00y	46.89	66.19	40.28	77.48	31	r09j
o25y	57.13	47.6	52.04	70.52	48	r33j
o50y	66.36	30.85	62.62	69.81	64	r57j
o75y	76.18	13.03	73.89	75.03	80	r81j
y00l	88.66	−9.62	88.21	88.73	96	j06g
y25l	78.19	−26.54	71.69	76.45	110	j25g
y50l	69.83	−40.06	58.5	70.9	124	j45g
y75l	62.17	−52.44	46.41	70.03	138	j65g
l00c	54.22	−65.29	33.87	73.56	153	j85g
l50c	58.45	−44.92	−10.62	46.16	193	g28b
c00v	61.43	−30.53	−42.04	51.96	234	g65b
c50v	44.02	−2.84	−44.65	44.74	266	g95b
v00m	25.93	25.95	−47.37	54.01	299	b23r
v50m	35.2	46.01	−31.2	55.59	326	b47r
m00o	47.92	73.53	−9.02	74.08	353	b71r
m50o	47.42	69.94	15.08	71.55	12	b88r

Input and output: Colorimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — u^*_d = b75r, lab^*olv^*

Hue texts: u^*_d = m50o u^*_e = b88r
contrast reduction factor: c_R = 1.0
triangle lightness t^*

Data for maximum colour (Ma):
$LAB^*LAB^*_{Ma}$: 47 70 15
$LAB^*LCH^*_{Ma}$: 47 72 12
$lab^*olv^*_{Ma}$: 1.0 0.0 0.5
$lab^*rgb^*_{Ma}$: 1.0 0.0 0.23





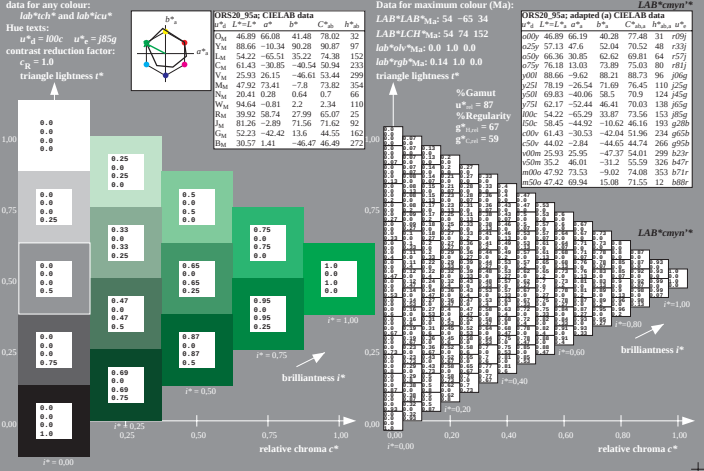
ORS20_95a: CIELAB data

u^*_d	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32
Y_{Md}	88.66	−10.34	90.28	90.87	97
L_{Md}	54.22	−65.51	35.22	74.38	152
C_{Md}	61.43	−30.85	−40.54	50.94	233
V_{Md}	25.93	26.15	−46.61	53.44	299
M_{Md}	47.92	73.41	−7.8	73.82	354
N_{Md}	20.41	0.28	0.64	0.7	66
W_{Md}	94.64	−0.81	2.2	2.34	110
R_{Md}	39.92	58.74	27.99	65.07

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.424$ — $u^*d = g00b$ LAB*cmyn'*

Hue texts: $u^*d = l00c$ $u^*_e = j85q$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 54 −65 34; LAB*LCH*Ma: 54 74 152; lab*olv*Ma: 0.0 1.0 0.0; lab*rgb*Ma: 0.14 1.0 0.0; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

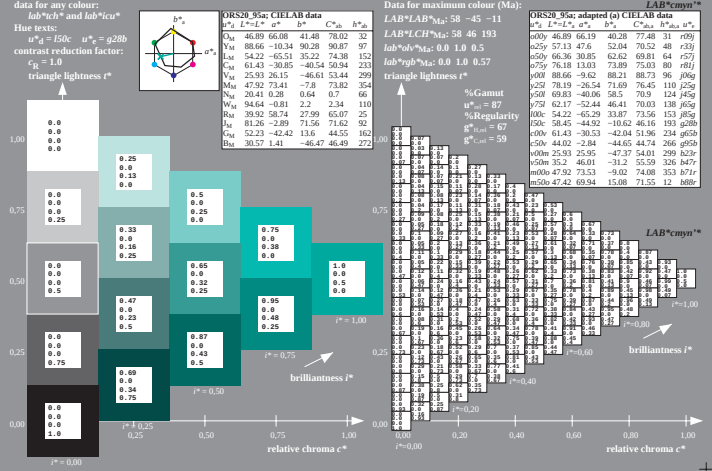
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.537$ — $u^*d = g25b$ LAB*cmyn'*

Hue texts: $u^*d = l50c$ $u^*_e = g28b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 58 −45 −11; LAB*LCH*Ma: 58 46 193; lab*olv*Ma: 0.0 1.0 0.5; lab*rgb*Ma: 0.0 1.0 0.57; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

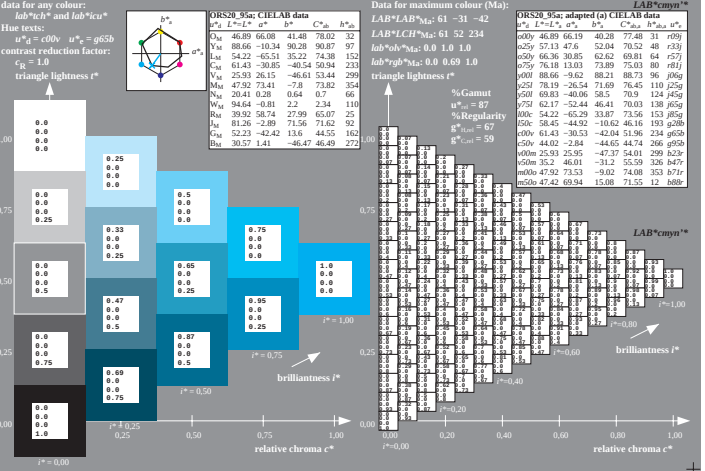
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.65$ — $u^*d = g50b$ LAB*cmyn'*

Hue texts: $u^*d = c00v$ $u^*_e = g65b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 61 −31 −42; LAB*LCH*Ma: 61 52 234; lab*olv*Ma: 0.0 1.0 1.0; lab*rgb*Ma: 0.0 0.69 1.0; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

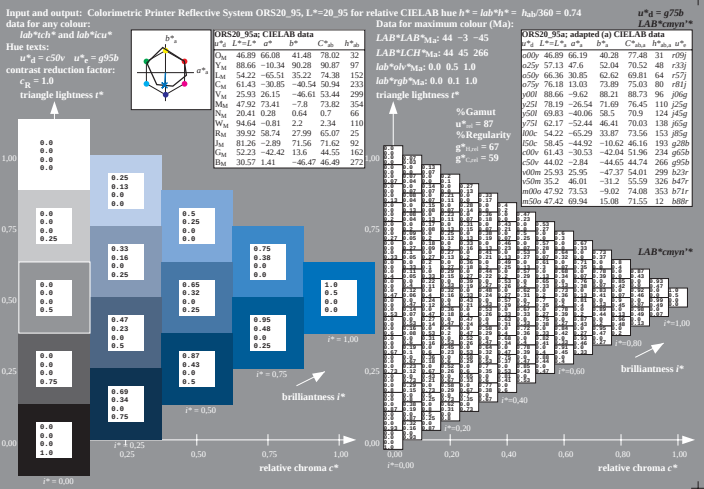
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.74$ — $u^*d = g75b$ LAB*cmyn'*

Hue texts: $u^*d = c50v$ $u^*_e = g95b$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 44 −3 −45; LAB*LCH*Ma: 44 45 266; lab*olv*Ma: 0.0 0.5 1.0; lab*rgb*Ma: 0.0 0.1 1.0; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

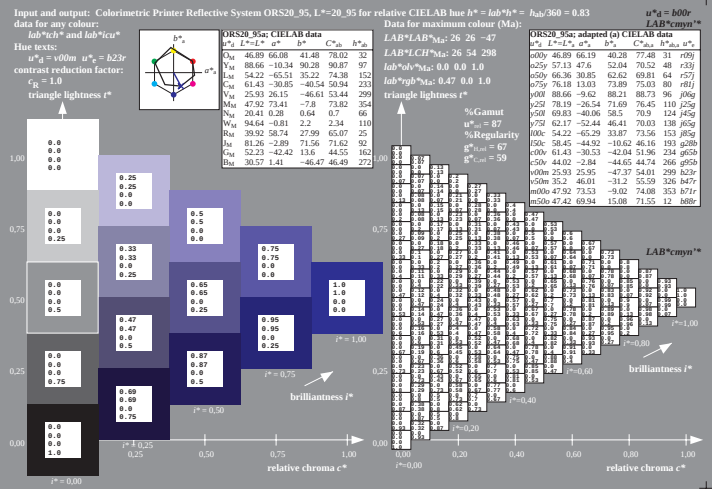
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.83$ — $u^*d = b00r$ LAB*cmyn'*

Hue texts: $u^*d = v00m$ $u^*_e = b23r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 26 26 −47; LAB*LCH*Ma: 26 54 298; lab*olv*Ma: 0.0 0.0 1.0; lab*rgb*Ma: 0.47 0.0 1.0; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

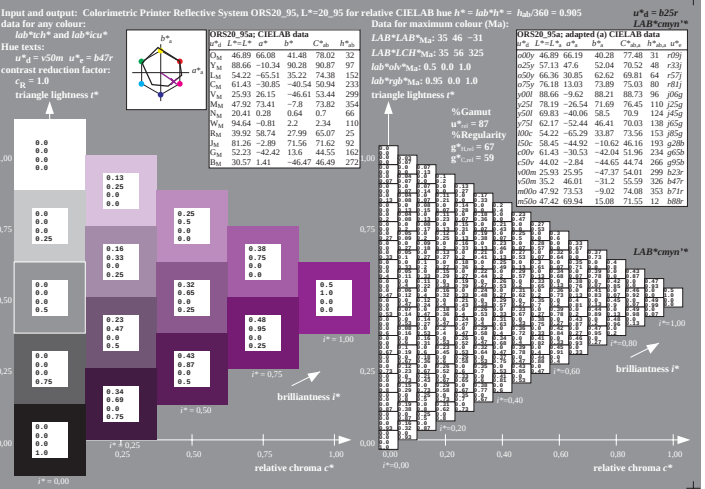
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.905$ — $u^*d = b25r$ LAB*cmyn'*

Hue texts: $u^*d = v50m$ $u^*_e = b47r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 35 46 −31; LAB*LCH*Ma: 35 56 325; lab*olv*Ma: 0.5 0.0 1.0; lab*rgb*Ma: 0.95 0.0 1.0; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

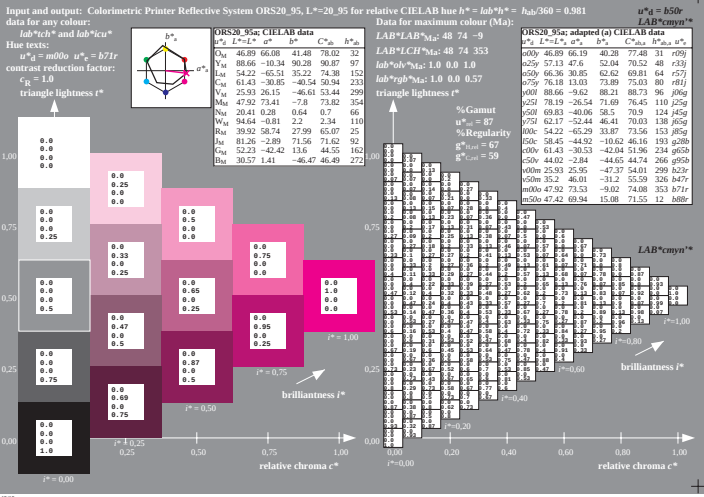
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.981$ — $u^*d = b50r$ LAB*cmyn'*

Hue texts: $u^*d = m00o$ $u^*_e = b71r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 48 74 −9; LAB*LCH*Ma: 48 74 353; lab*olv*Ma: 1.0 0.0 1.0; lab*rgb*Ma: 1.0 0.0 0.57; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

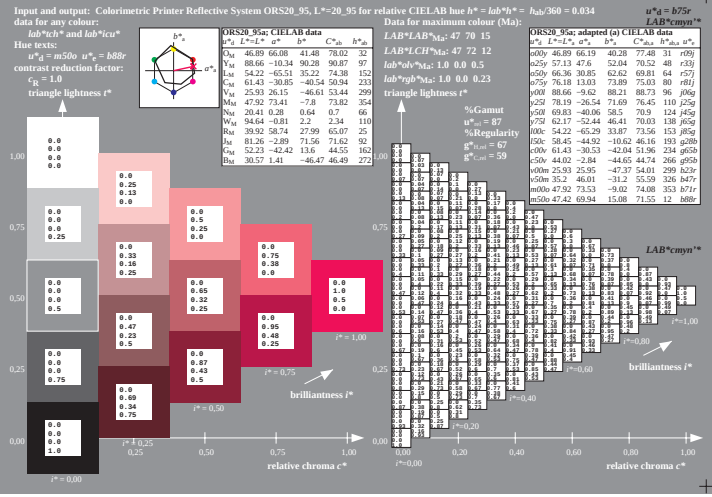
ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r	

Input and output: Coloimetric Printer Reflective System ORS20_95, L*=20_95 for relative CIELAB hue $h^* = lab^*h^* = h_{lab}/360 = 0.034$ — $u^*d = b75r$ LAB*cmyn'*

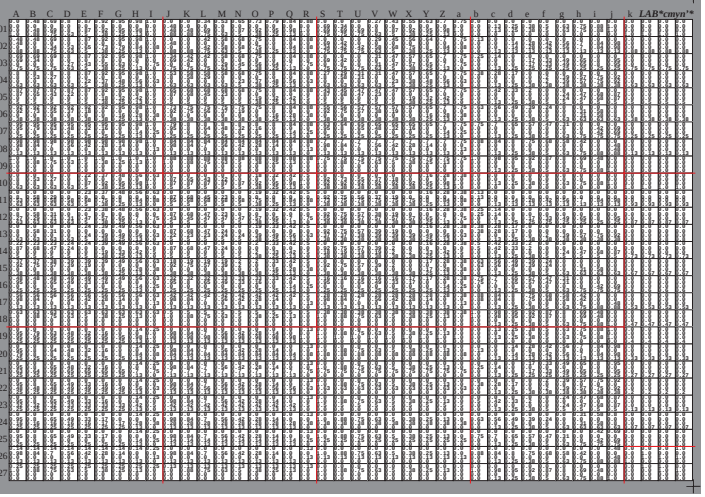
Hue texts: $u^*d = m50o$ $u^*_e = b88r$; contrast reduction factor: $c_R = 1.0$; triangle lightness t^*

Data for maximum colour (Ma): LAB*LAB*Ma: 47 70 15; LAB*LCH*Ma: 47 72 12; lab*olv*Ma: 1.0 0.0 0.5; lab*rgb*Ma: 1.0 0.0 0.23; triangle lightness t^*



ORS20_95m: CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}
O_{Md}	46.89	66.08	41.48	78.02	32	
Y_{Md}	88.66	−10.34	90.28	90.87	97	
L_{Md}	54.22	−65.51	35.22	74.38	152	
C_{Md}	61.43	−30.85	−40.54	50.94	233	
V_{Md}	25.93	26.15	−46.61	53.44	299	
M_{Md}	47.92	73.41	−7.8	73.82	354	
N_{Md}	20.41	0.28	0.64	0.7	66	
W_{Md}	94.64	−0.81	2.2	2.34	110	
R_{Md}	39.92	58.74	27.99	65.07	25	
I_{Md}	81.26	−2.89	71.56	71.62	92	
G_{Md}	52.23	−42.42	13.6	44.55	162	
B_{Md}	30.57	1.41	−46.47	46.49	272	

ORS20_95m; adapted (a) CIELAB data

	u^*_d	$L^*=L^*_e$	a^*	b^*	C^*_{ab}	h^*_{ab}	u^*_e
O_{Md}	46.89	66.19	40.28	77.48	31	r09j	
o25y	57.13	47.6	52.04	70.52	48	r33j	
o50y	66.36	30.85	62.62	69.81	64	r57j	
o75y	76.18	13.03	73.89	75.03	80	r81j	
y00f	88.66	−9.62	88.21	88.73	96	j06g	
y25f	78.19	−26.54	71.69	76.45	110	j25g	
y50f	69.83	−40.06	58.5	70.9	124	j45g	
y75f	62.17	−52.44	46.41	70.03	138	j65g	
l00c	54.22	−65.29	33.87	73.56	153	j85g	
l50c	58.45	−44.92	−10.62	46.16	193	g28b	
c00c	61.43	−30.53	−42.04	51.96	234	g65b	
c50v	44.02	−2.84	−44.65	44.74	266	g95b	
c00m	25.93	25.95	−47.37	54.01	299	b23r	
v50m	35.2	46.01	−31.2	55.59	326	b47r	
m00v	47.92	73.53	−9.02	74.08	353	b71r	
m50v	47.42	69.94	15.08	71.55	12	b88r