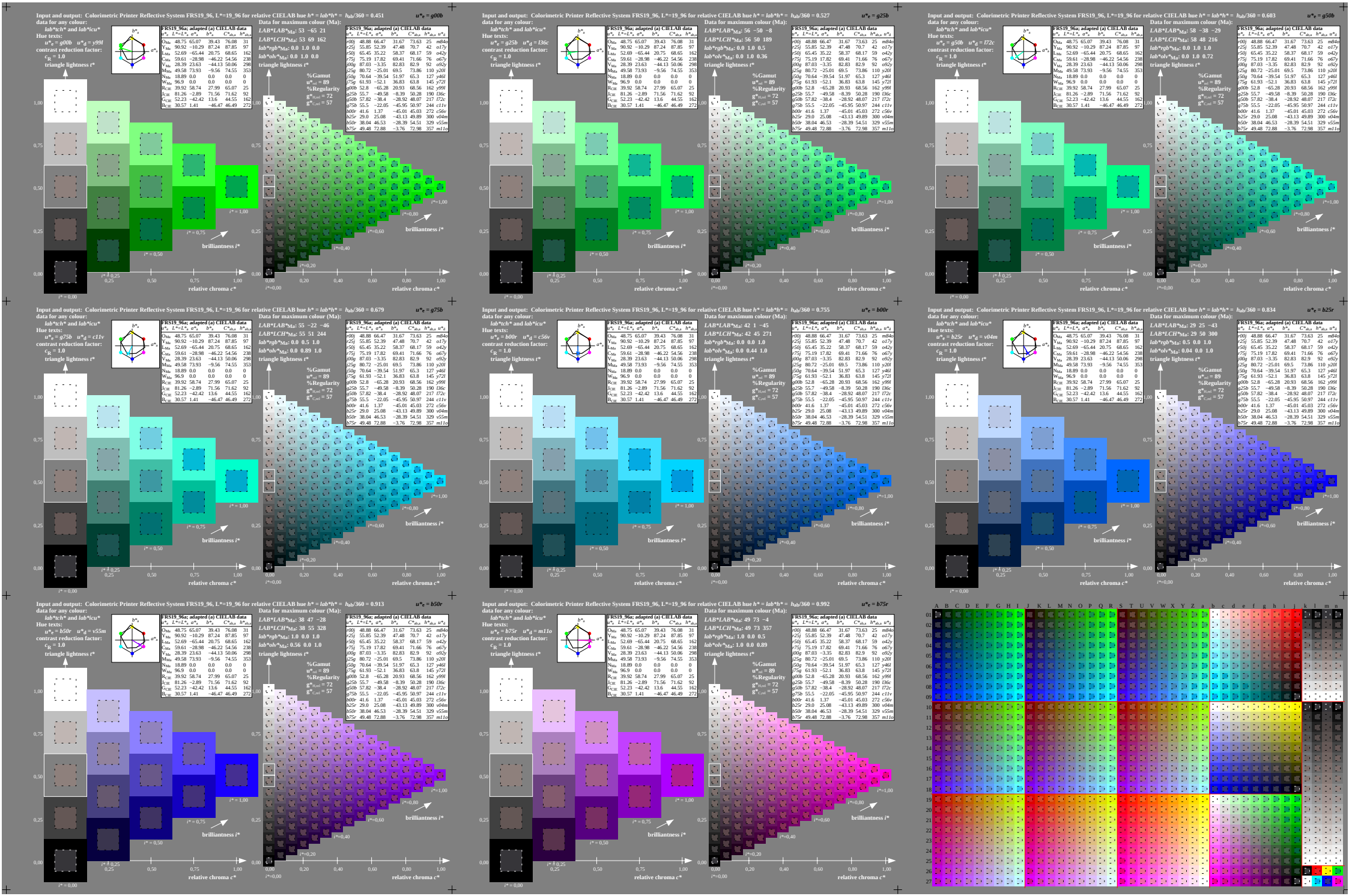
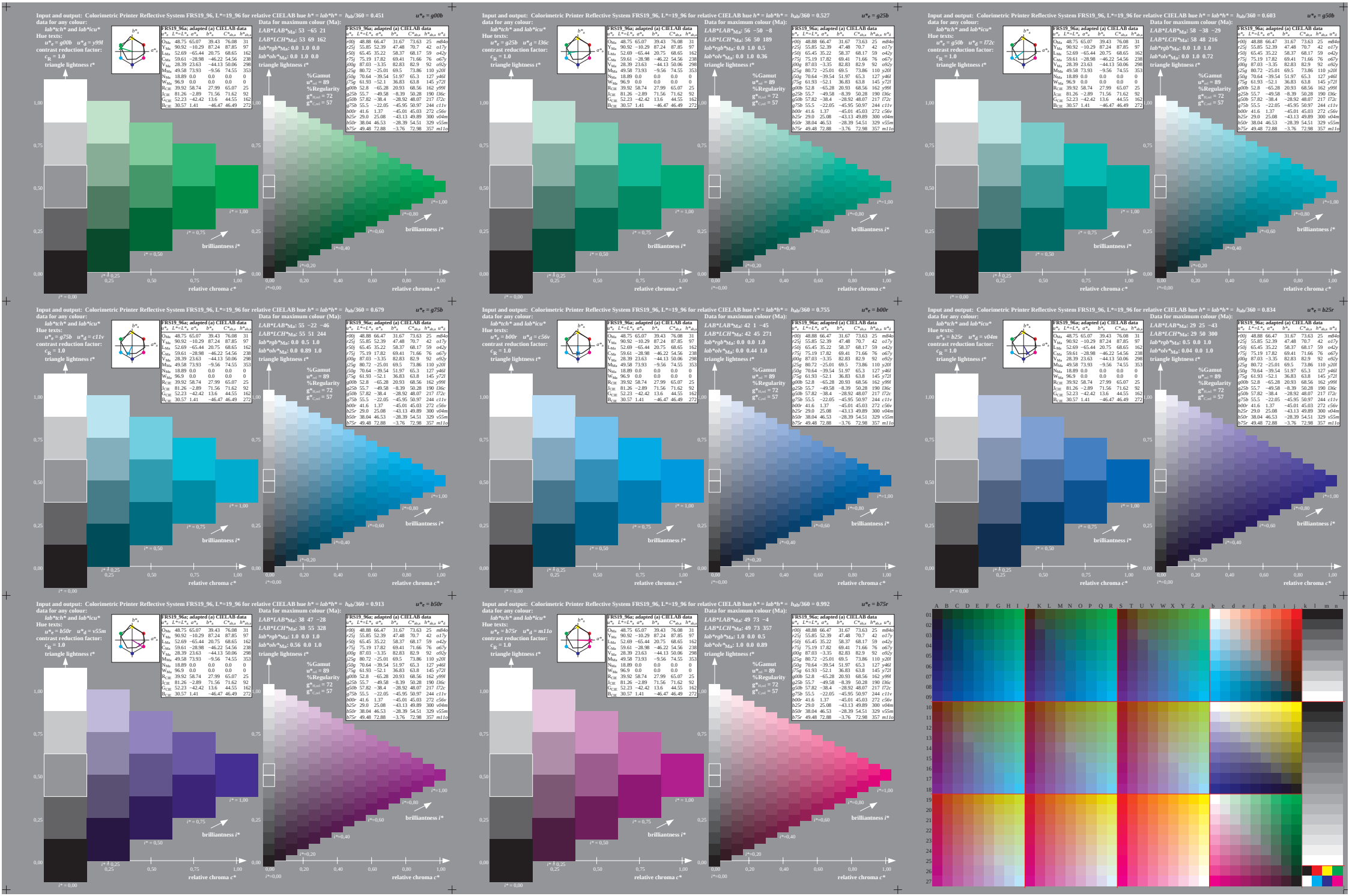

Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
u*c = g00b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g00b u*d = y99l
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 53 −65 21
LAB*LCH*Ma: 53 69 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.0
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
u*c = g25b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g25b u*d = l36c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 −50 −8
LAB*LCH*Ma: 56 50 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.36
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
u*c = g50b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g50b u*d = l72c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 58 −38 −29
LAB*LCH*Ma: 58 48 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.72
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
u*c = g75b
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = g75b u*d = c11v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −22 −46
LAB*LCH*Ma: 55 51 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.89 1.0
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
u*c = b00r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b00r u*d = c56v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 42 1 −45
LAB*LCH*Ma: 42 45 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.44 1.0
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
u*c = b25r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b25r u*d = v04m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 29 25 −43
LAB*LCH*Ma: 29 50 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.04 0.0 1.0
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
u*c = b50r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b50r u*d = v55m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 38 47 −28
LAB*LCH*Ma: 38 55 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.56 0.0 1.0
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
u*c = b75r
data for any colour:
lab*tch* and lab*icu*
Hue texts:
u*c = b75r u*d = m11o
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 73 −4
LAB*LCH*Ma: 49 73 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.89
%Gamut
u*sol = 89
%Regularity
g*H,ext = 72
g*C,ext = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*


Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451
u*E = g00b
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = g00b u*d = y99l
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 53 −65 21
LAB*LCH*Ma: 53 69 162
lab*rgb*Ma: 0.0 1.0 0.0
lab*olv*Ma: 0.0 1.0 0.0
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sol = 89
%Regularity
g*ILuo = 72
g*C,ol = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527
u*E = g25b
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = g25b u*d = l36c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 56 −50 −8
LAB*LCH*Ma: 56 50 189
lab*rgb*Ma: 0.0 1.0 0.5
lab*olv*Ma: 0.0 1.0 0.36
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sol = 89
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g*C,ol = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603
u*E = g50b
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = g50b u*d = l72c
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 58 −38 −29
LAB*LCH*Ma: 58 48 216
lab*rgb*Ma: 0.0 1.0 1.0
lab*olv*Ma: 0.0 1.0 0.72
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sol = 89
%Regularity
g*ILuo = 72
g*C,ol = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679
u*E = g75b
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = g75b u*d = c11v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −22 −46
LAB*LCH*Ma: 55 51 244
lab*rgb*Ma: 0.0 0.5 1.0
lab*olv*Ma: 0.0 0.89 1.0
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
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%Regularity
g*ILuo = 72
g*C,ol = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755
u*E = b00r
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = b00r u*d = c56v
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 42 1 −45
LAB*LCH*Ma: 42 45 271
lab*rgb*Ma: 0.0 0.0 1.0
lab*olv*Ma: 0.0 0.44 1.0
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sol = 89
%Regularity
g*ILuo = 72
g*C,ol = 57
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834
u*E = b25r
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = b25r u*d = v04m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 29 25 −43
LAB*LCH*Ma: 29 50 300
lab*rgb*Ma: 0.5 0.0 1.0
lab*olv*Ma: 0.04 0.0 1.0
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
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Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913
u*E = b50r
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = b50r u*d = v55m
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 38 47 −28
LAB*LCH*Ma: 38 55 328
lab*rgb*Ma: 1.0 0.0 1.0
lab*olv*Ma: 0.56 0.0 1.0
FRS19_96a; adapted (a) CIELAB data
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%Gamut
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g*ILuo = 72
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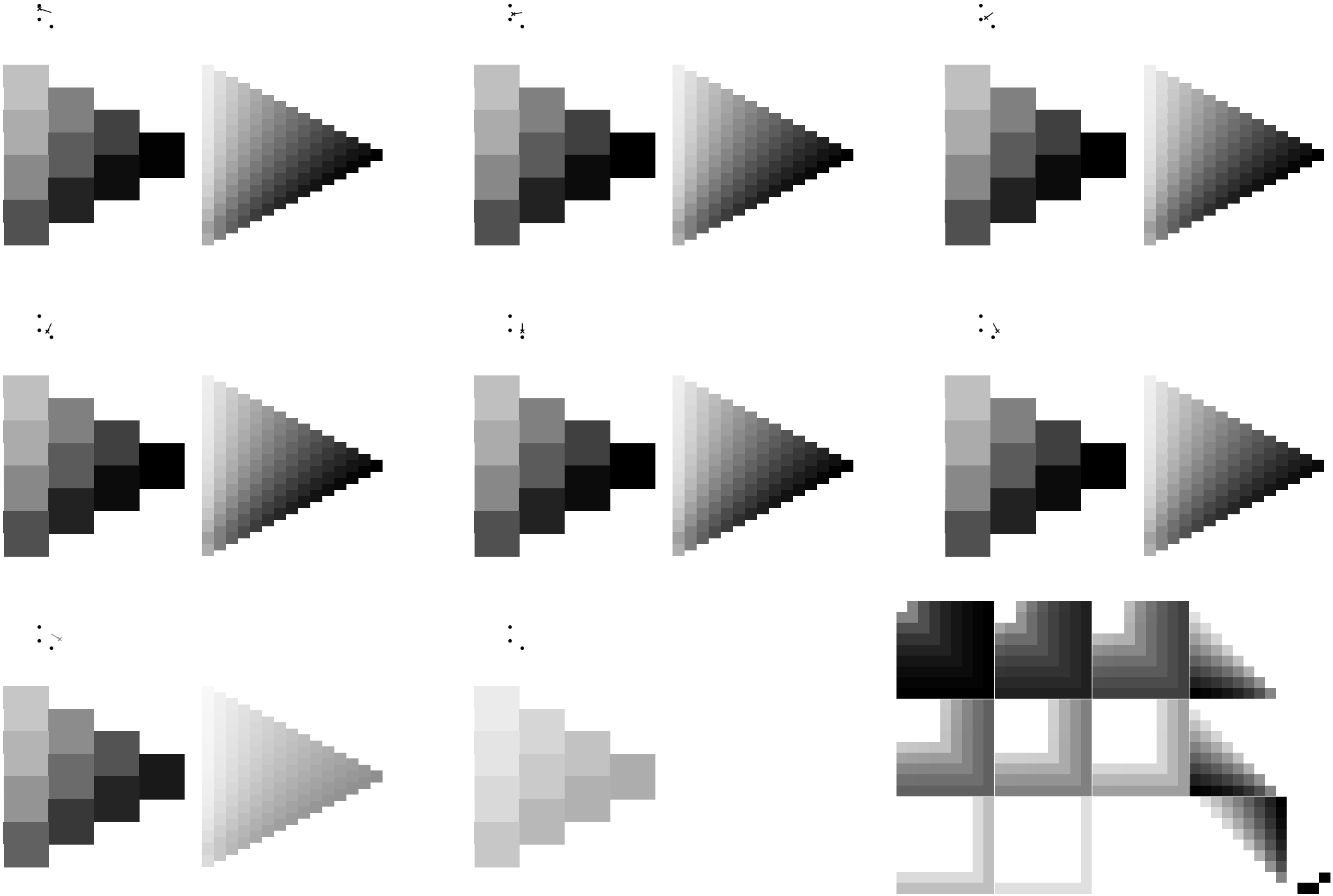
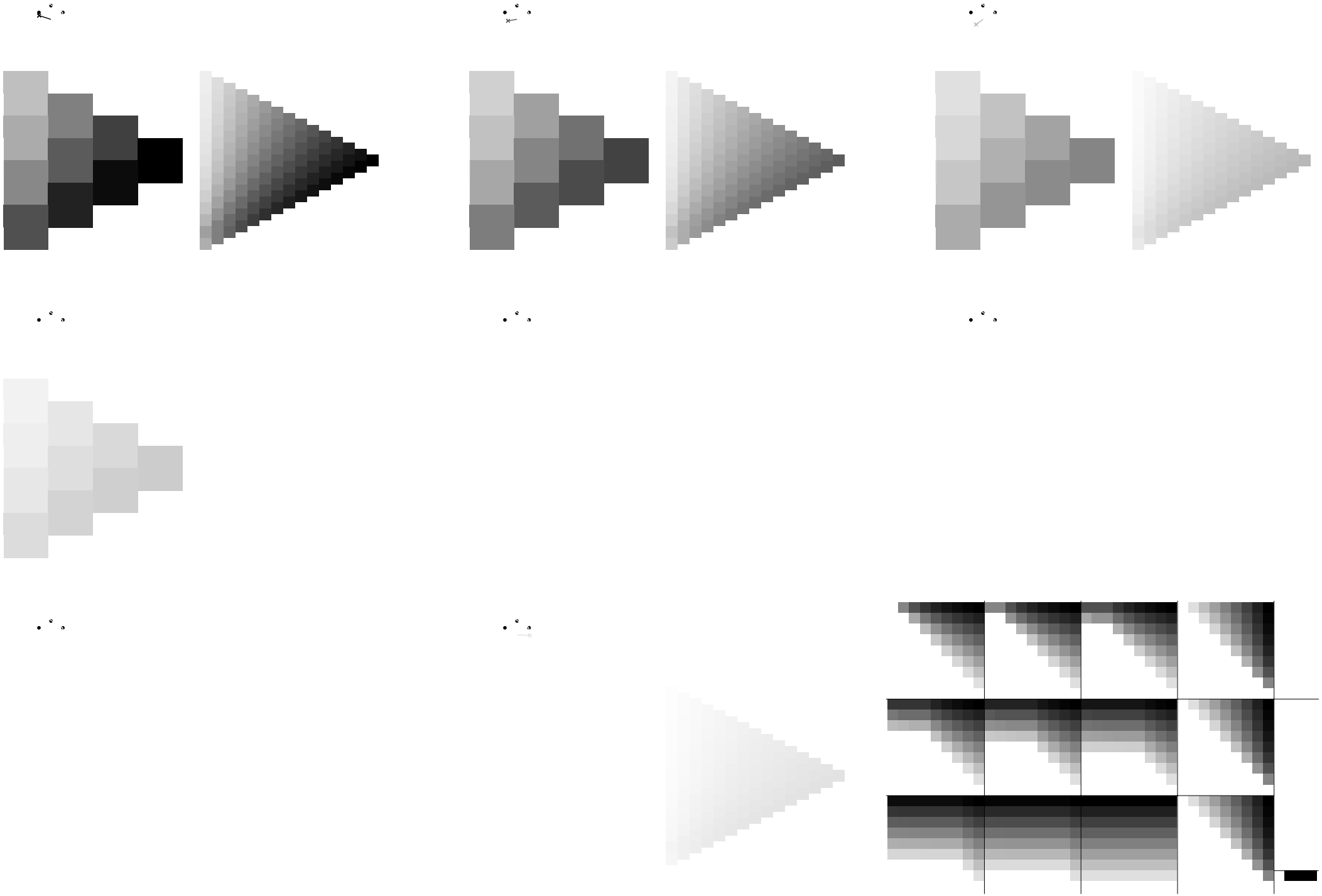
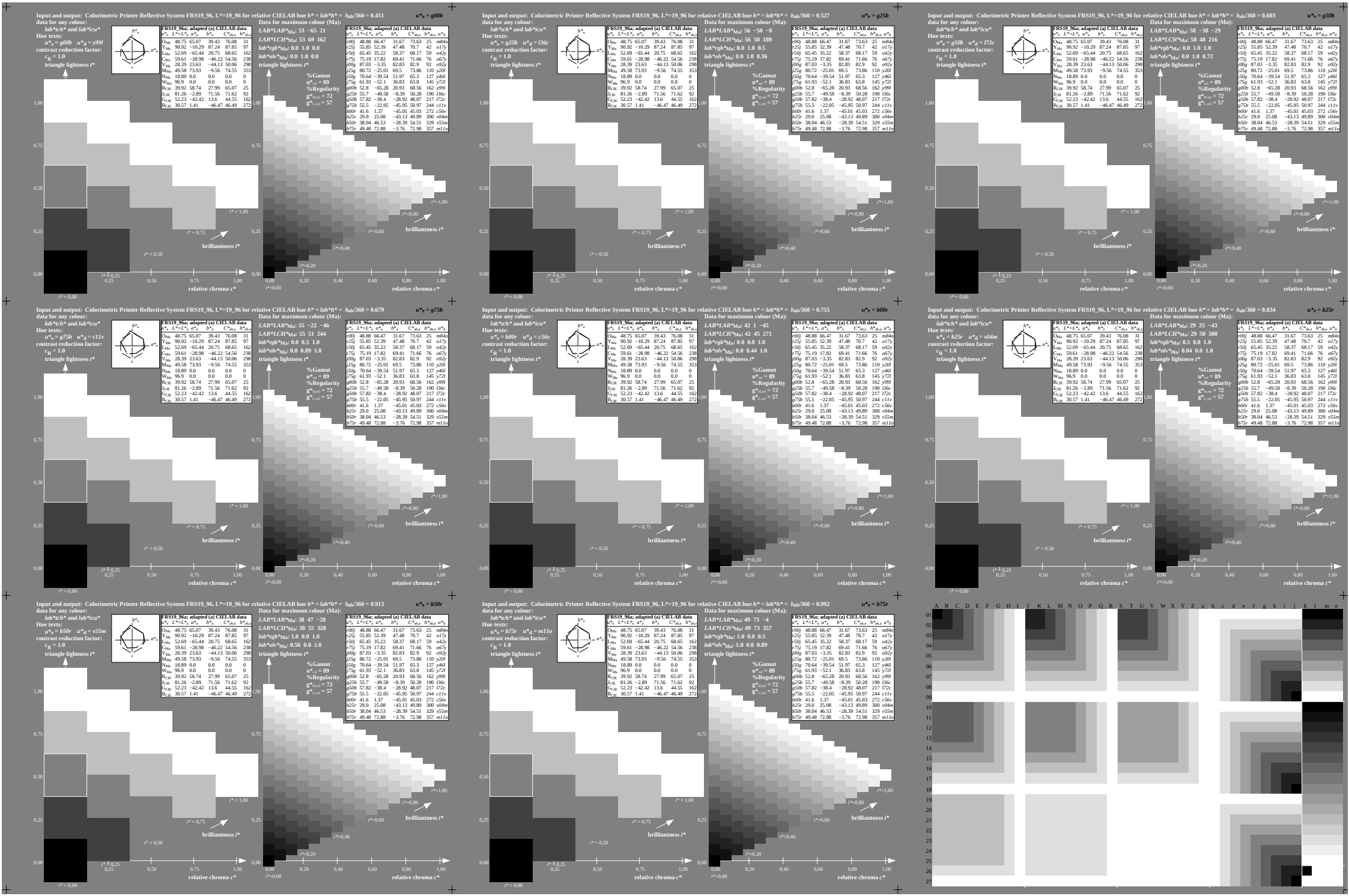
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992
u*E = b75r
data for any colour:
lab*ch* and lab*icu*
Hue texts:
u*E = b75r u*d = m11o
contrast reduction factor:
cB = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 49 73 −4
LAB*LCH*Ma: 49 73 357
lab*rgb*Ma: 1.0 0.0 0.5
lab*olv*Ma: 1.0 0.0 0.89
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
%Gamut
u*sol = 89
%Regularity
g*ILuo = 72
g*C,ol = 57
brilliantness i*
relative chroma c*






Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.451 u*E = g00b
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = g00b u*a = y99l
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 53 −65 21 LAB*LCH*Ma: 53 69 162 lab*rgb*Ma: 0.0 1.0 0.0 lab*olv*Ma: 0.0 1.0 0.0
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
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brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.527 u*E = g25b
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = g25b u*a = l36c
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 56 −50 −8 LAB*LCH*Ma: 56 50 189 lab*rgb*Ma: 0.0 1.0 0.5 lab*olv*Ma: 0.0 1.0 0.36
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
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Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.603 u*E = g50b
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = g50b u*a = l72c
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 58 −38 −29 LAB*LCH*Ma: 58 48 216 lab*rgb*Ma: 0.0 1.0 1.0 lab*olv*Ma: 0.0 1.0 0.72
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.679 u*E = g75b
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = g75b u*a = c11v
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 55 −22 −46 LAB*LCH*Ma: 55 51 244 lab*rgb*Ma: 0.0 0.5 1.0 lab*olv*Ma: 0.0 0.89 1.0
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.755 u*E = b00r
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = b00r u*a = c56v
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 42 1 −45 LAB*LCH*Ma: 42 45 271 lab*rgb*Ma: 0.0 0.0 1.0 lab*olv*Ma: 0.0 0.44 1.0
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
FRS19_96a; adapted (a) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.834 u*E = b25r
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = b25r u*a = v04m
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 29 25 −43 LAB*LCH*Ma: 29 50 300 lab*rgb*Ma: 0.5 0.0 1.0 lab*olv*Ma: 0.04 0.0 1.0
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
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brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.913 u*E = b50r
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = b50r u*a = v55m
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 38 47 −28 LAB*LCH*Ma: 38 55 328 lab*rgb*Ma: 1.0 0.0 1.0 lab*olv*Ma: 0.56 0.0 1.0
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
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Input and output: Colorimetric Printer Reflective System FRS19_96, L*=19_96 for relative CIELAB hue h* = lab*h* = hab/360 = 0.992 u*E = b75r
data for any colour: lab*ch* and lab*icu*
Hue texts: u*E = b75r u*a = m11o
contrast reduction factor: cB = 1.0
triangle lightness t*
Data for maximum colour (Ma): LAB*LAB*Ma: 49 73 −4 LAB*LCH*Ma: 49 73 357 lab*rgb*Ma: 1.0 0.0 0.5 lab*olv*Ma: 1.0 0.0 0.89
%Gamut u*sil = 89
%Regularity g*ILuni = 72 g*CJuni = 57
FRS19_96a; adapted (a) CIELAB data
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