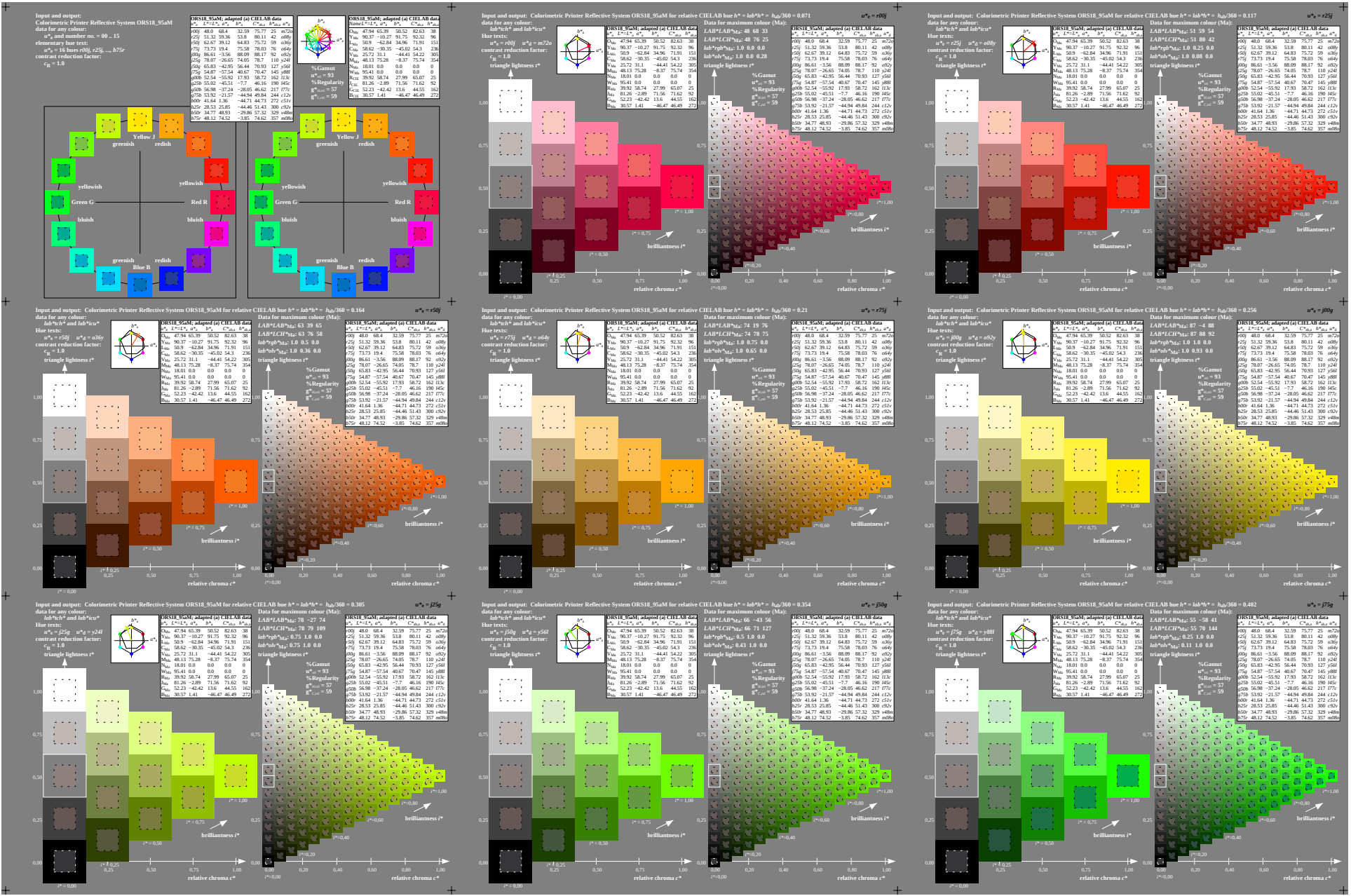
Input and output:
Colorimetric Printer Reflective System ORS18_95aM
data for any colour:
u*, and number no. = 00 .. 15
elementary hue text:
u*e = 16 hues r00j, r25j, ..., b75r
contrast reduction factor:
cR = 1.0
ORS18_95aM; adapted (a) CIELAB data
Yellow J
greenish
redish
yellowish
Green G
Red R
bluish
greenish
redish
Blue B
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.071
u*e = r00j
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = r00j u*a = m72o
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 48 68 33
LAB*LCH*Ma: 48 76 25
lab*rgb*Ma: 1.0 0.0 0.0
lab*ulv*Ma: 1.0 0.0 0.28
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.117
u*e = r25j
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = r25j u*a = o08y
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 51 59 54
LAB*LCH*Ma: 51 80 42
lab*rgb*Ma: 1.0 0.25 0.0
lab*ulv*Ma: 1.0 0.08 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.164
u*e = r50j
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = r50j u*a = o36y
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 63 39 65
LAB*LCH*Ma: 63 76 58
lab*rgb*Ma: 1.0 0.5 0.0
lab*ulv*Ma: 1.0 0.36 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.21
u*e = r75j
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = r75j u*a = o64y
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 74 19 76
LAB*LCH*Ma: 74 78 75
lab*rgb*Ma: 1.0 0.75 0.0
lab*ulv*Ma: 1.0 0.65 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.256
u*e = j00g
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = j00g u*a = o92y
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 87 −4 88
LAB*LCH*Ma: 87 88 92
lab*rgb*Ma: 1.0 1.0 0.0
lab*ulv*Ma: 1.0 0.93 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.305
u*e = j25g
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = j25g u*a = y24l
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 78 −27 74
LAB*LCH*Ma: 78 79 109
lab*rgb*Ma: 0.75 1.0 0.0
lab*ulv*Ma: 0.75 1.0 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.354
u*e = j50g
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = j50g u*a = y56l
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 66 −43 56
LAB*LCH*Ma: 66 71 127
lab*rgb*Ma: 0.5 1.0 0.0
lab*ulv*Ma: 0.43 1.0 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*
Input and output: Colorimetric Printer Reflective System ORS18_95aM for relative CIELAB hue h* = lab*h* = hLb/360 = 0.402
u*e = j75g
data for any colour:
lab*ich* and lab*icu*
Hue texts:
u*e = j75g u*a = y88l
contrast reduction factor:
cR = 1.0
triangle lightness t*
Data for maximum colour (Ma):
LAB*LAB*Ma: 55 −58 41
LAB*LCH*Ma: 55 70 144
lab*rgb*Ma: 0.25 1.0 0.0
lab*ulv*Ma: 0.11 1.0 0.0
%Gamut
u*-c = 93
%Regularity
g*-Col = 57
g*-Lum = 59
ORS18_95aM; adapted (r) CIELAB data
brilliantness i*
relative chroma c*