

BAM registration: 20080901-Fe20/10L/L20e00FP.PDF/.PS

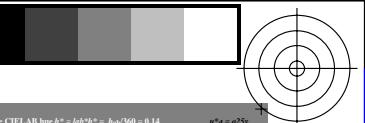
application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

www.ps.bam.de/Fe20/10L/L20e00FP.PDF/.PS, Page 1/5; FRS09_92, L*=09_92; start output
F: linearized outputFe20/10L/L20e00FP.DAT in File (F)

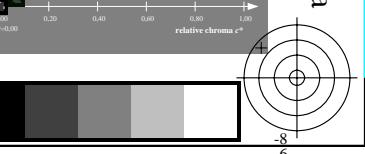
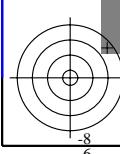
BAM-test chart Fe20; Colorimetric systems
D65: colour scales and 3 separations for 16 hues o00y to y75l

input: 000n / w / nnn0 / www set...
output: no change compared to input



See for similar files: <http://www.ps.bam.de/Fe20/>; www.ps.bam.de

Technical information: <http://www.ps.bam.de/Fe20/> Version 2.1, io=11, CIELAB, ColSpx=0



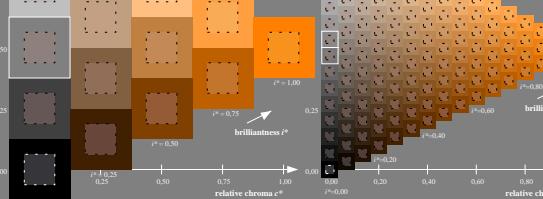
Input and output:
Colorimetric Printer Reflective System FRS09_92a
for any colour:
 u^* =0.0, v^* =0.0, a^* =0.15
device line text:
 u^* =0.16 $h=60y$, $0.25y$, ..., $m50y$
contrast reduction factor:
 $c_R = 1.0$
 $c_G = 1.0$
 $c_B = 1.0$
 $g_R = 40$
 $g_G = 40$
 $g_B = 40$

FRS09_92a adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



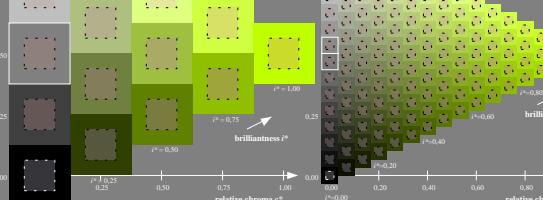
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.179$
 $u^* = 0.50y$
Hue separation: $u^* = 0.50y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



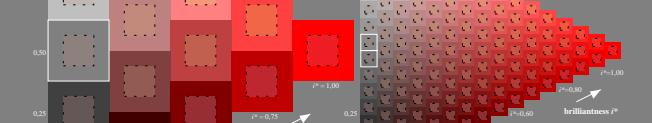
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.292$
 $u^* = 0.25y$
Hue separation: $u^* = 0.25y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



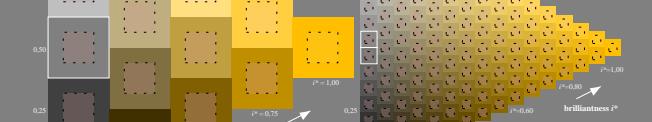
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.101$
 $u^* = 0.00y$
Hue separation: $u^* = 0.00y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



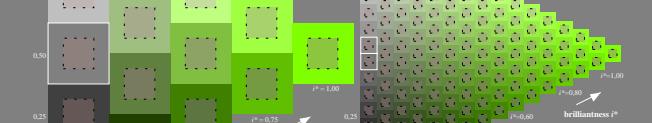
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.218$
 $u^* = 0.50y$
Hue separation: $u^* = 0.50y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



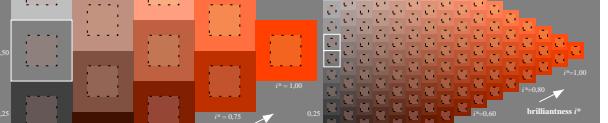
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.327$
 $u^* = 0.25y$
Hue separation: $u^* = 0.25y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



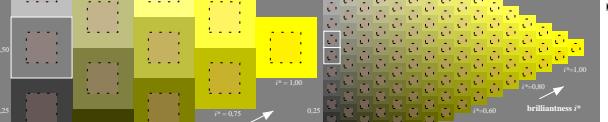
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.14$
 $u^* = 0.25y$
Hue separation: $u^* = 0.25y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



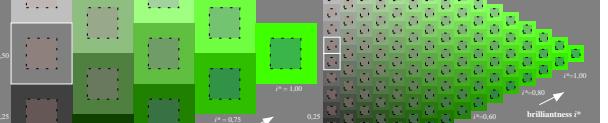
Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.255$
 $u^* = 0.50y$
Hue separation: $u^* = 0.50y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



Input and output: Colorimetric Printer Reflective System FRS09_92, L*=09_92 for relative CIELAB hue h^* = $h_0/360 = 0.361$
 $u^* = 0.75y$
Hue separation: $u^* = 0.75y$
contrast reduction factor:
 $c_R = 1.0$
triangle lightness i^*

FRS09_92 adapted to CIELAB data
Data for maximum colour (Ma):
 $u^* = 0.06$ 35.06 60.0 44.0 74.4 36 $r1g$
 $v^* = 0.07$ 83.77 -5.17 10.5 50 50 $r2g$
 $a^* = 0.16$ 44.13 -62.67 48.24 79.09 142
 $b^* = 0.09$ 52.66 -29.14 -31.99 43.27 228
 $Mu = 37.37$ 78.64 -33.85 84.37
 $Mv = 92.02$ 0.0 0.0 0.0
 $Ma = 44.15$ 50.3 -59.49 77.57 324
 $Cu = 30.57$ 1.41 -46.47 46.49 272



BAM registration: 20080901-Fe20/10L/L20e00FP.PDF/.PS, Page 2/5; FRS09_92, L*=09_92; linearized output

application for evaluation and measurement of printer or monitor systems

BAM material: code=rha4ta

www.ps.bam.de/Fe20/10L/L20e00FP.PDF/.PS, Page 2/5; FRS09_92, L*=09_92; linearized output

F: linearized outputFe20/10L/L20e00FP.DAT in File (F)

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Y

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S

See for similar files: <http://www.ps.bam.de/Fe20/>; www.ps.bam.de

Technical information: <http://www.ps.bam.de>

Version 2.1, io=11, CIELAB, ColSpx=0

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BAM registration: 20080901-Fe20/10L/L20e00FP.PDF/.PS, Page 3/5; FRS09_92, L*=09_92; linearized output

application for evaluation and measurement of printer or monitor systems

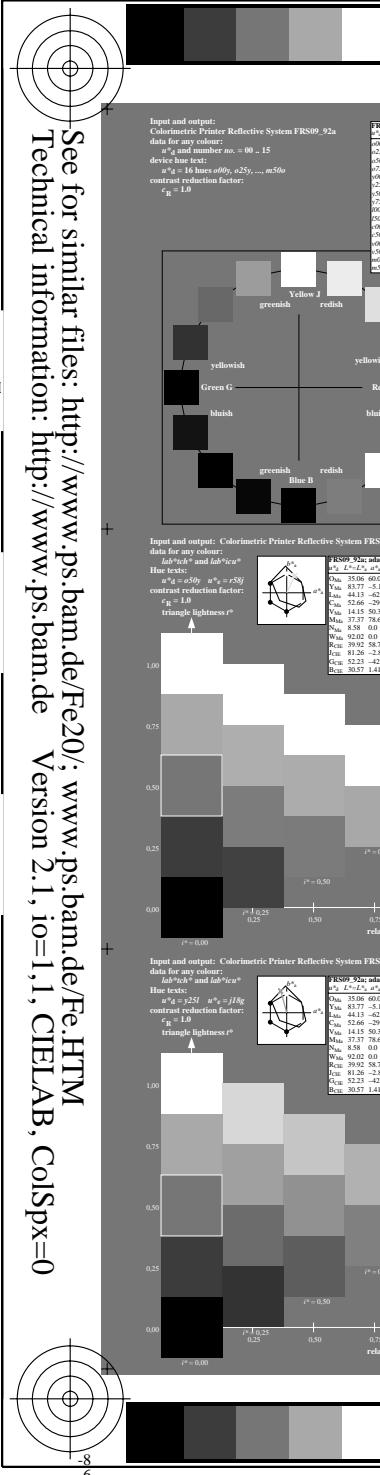
BAM material: code=rha4ta

www.ps.bam.de/Fe20/10L/L20e00FP.PDF/.PS, Page 3/5; FRS09_92, L*=09_92; linearized output

F: linearized outputFe20/10L/L20e00FP.DAT in File (F); Separation: c n*

BAM-test chart Fe20; Colorimetric systems
D65: colour scales and 3 separations for 16 hues o00y to y75l

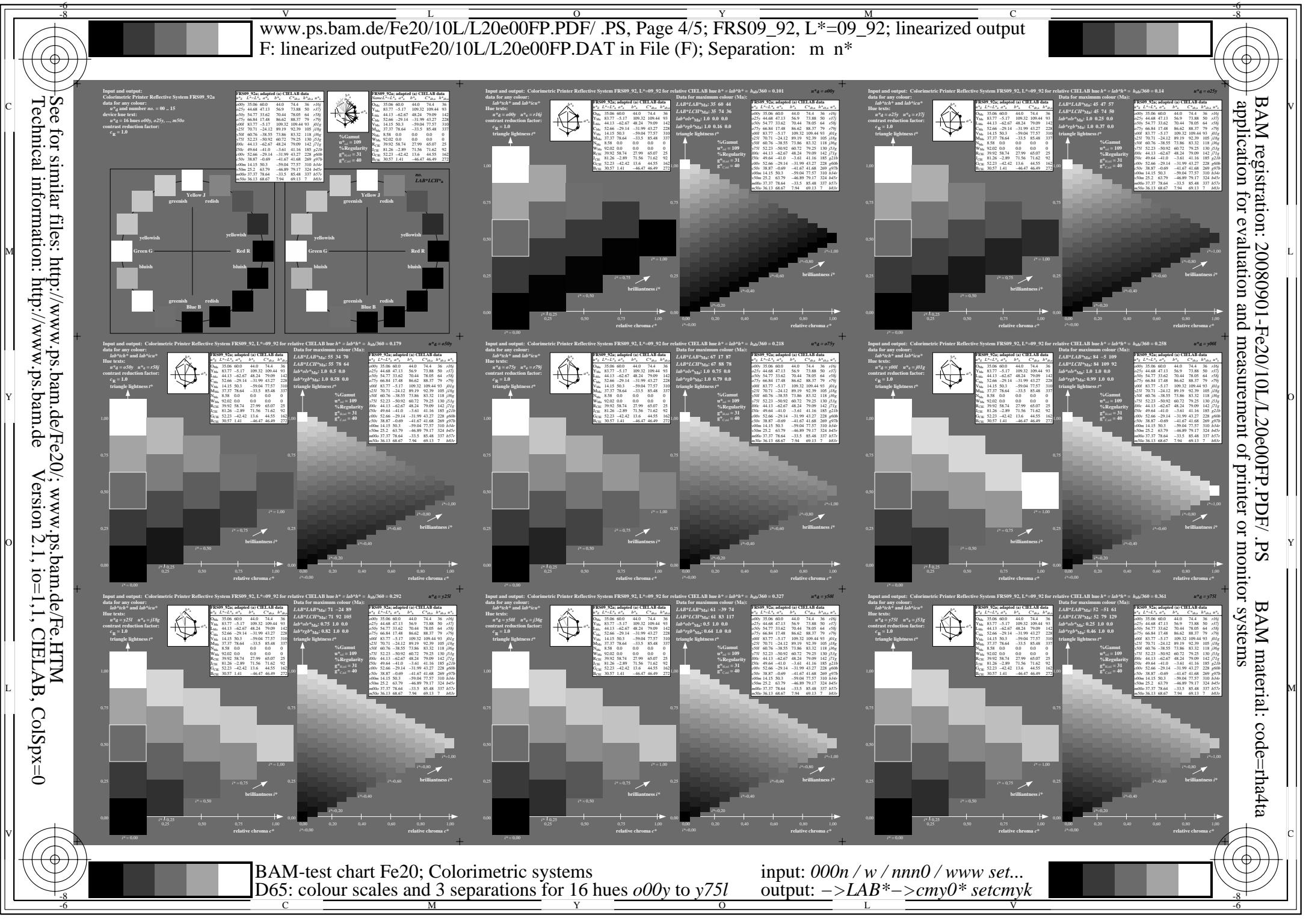
input: 000n / w / nnn0 / www set...
output: ->LAB*->cmy0* setcmyk



See for similar files: <http://www.ps.bam.de/Fe20/>

Technical information: <http://www.ps.bam.de>

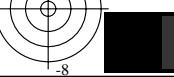
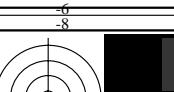
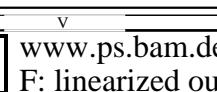
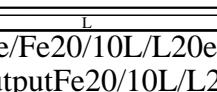
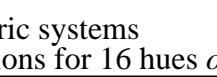
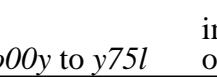
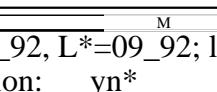
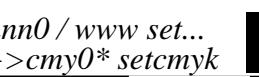
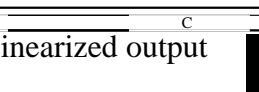
Version 2.1, io=11, CIELAB, ColSpx=0



BAM registration: 20080901-Fe20/10L/L20e00FP.PDF/.PS, Page 5/5; FRS09_92, L*=09_92; linearized output

F: linearized outputFe20/10L/L20e00FP.DAT in File (F); Separation: yn*

BAM registration: application for evaluation and measurement of printer or monitor systems



See for similar files: <http://www.ps.bam.de/Fe20/>; www.ps.bam.de

Technical information: <http://www.ps.bam.de>

Version 2.1, io=11, CIELAB, ColSpx=0

BAM-test chart Fe20; Colorimetric systems
D65: colour scales and 3 separations for 16 hues o00y to y75l

input: 000n / w / nnn0 / www set...
output: ->LAB*->cmy0* setcmyk

Input and output:

Colorimetric Printer Reflective System FRS09_92a

data for any colour:

$lab^{*}ch^*$ and $lab^{*}cv^*$

device line hex:

$a^* = 16$ lines 000y, 025y, ..., m50y

contrast reduction factor:

$c_R = 1.0$

$triangle\ lightness^*$

$i^* = 1.00$

$Y = 100$

$M = 100$

$C = 100$

$b^* = 100$

$g^* = 100$

$g^*_{Lab} = 31$

$g^*_{Lab} = 40$

$g^*_{Lab} = 45$

$g^*_{Lab} = 50$

$g^*_{Lab} = 55$

$g^*_{Lab} = 60$

$g^*_{Lab} = 65$

$g^*_{Lab} = 70$

$g^*_{Lab} = 75$

$g^*_{Lab} = 80$

$g^*_{Lab} = 85$

$g^*_{Lab} = 90$

$g^*_{Lab} = 95$

$g^*_{Lab} = 100$

$g^*_{Lab} = 105$

$g^*_{Lab} = 110$

$g^*_{Lab} = 115$

$g^*_{Lab} = 120$

$g^*_{Lab} = 125$

$g^*_{Lab} = 130$

$g^*_{Lab} = 135$

$g^*_{Lab} = 140$

$g^*_{Lab} = 145$

$g^*_{Lab} = 150$

$g^*_{Lab} = 155$

$g^*_{Lab} = 160$

$g^*_{Lab} = 165$

$g^*_{Lab} = 170$

$g^*_{Lab} = 175$

$g^*_{Lab} = 180$

$g^*_{Lab} = 185$

$g^*_{Lab} = 190$

$g^*_{Lab} = 195$

$g^*_{Lab} = 200$

$g^*_{Lab} = 205$

$g^*_{Lab} = 210$

$g^*_{Lab} = 215$

$g^*_{Lab} = 220$

$g^*_{Lab} = 225$

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$g^*_{Lab} = 355$

$g^*_{Lab} = 360$

$g^*_{Lab} = 365$

$g^*_{Lab} = 370$

$g^*_{Lab} = 375$

$g^*_{Lab} = 380$

$g^*_{Lab} = 385$

$g^*_{Lab} = 390$

$g^*_{Lab} = 395$

$g^*_{Lab} = 400$

Input and output:

Colorimetric Printer Reflective System FRS09_92a

data for any colour:

$lab^{*}ch^*$ and $lab^{*}cv^*$

device line hex:

$a^* = 16$ lines 000y, 025y, ..., m50y

contrast reduction factor:

$c_R = 1.0$

$triangle\ lightness^*$

$i^* = 1.00$

$Y = 100$

$M = 100$

$C = 100$

$b^* = 100$

$g^* = 100$

$g^*_{Lab} = 31$

$g^*_{Lab} = 40$

$g^*_{Lab} = 45$

$g^*_{Lab} = 50$

$g^*_{Lab} = 55$

$g^*_{Lab} = 60$

$g^*_{Lab} = 65$

$g^*_{Lab} = 70$

$g^*_{Lab} = 75$

$g^*_{Lab} = 80$

$g^*_{Lab} = 85$

$g^*_{Lab} = 90$

$g^*_{Lab} = 95$

$g^*_{Lab} = 100$

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$g^*_{Lab} = 215$

$g^*_{Lab} = 220$

$g^*_{Lab} = 225$

$g^*_{Lab} = 230$

$g^*_{Lab} = 235$

$g^*_{Lab} = 240$

$g^*_{Lab} = 245$

$g^*_{Lab} = 250$

$g^*_{Lab} = 255$

$g^*_{Lab} = 260$

$g^*_{Lab} = 265$

$g^*_{Lab} = 270$

$g^*_{Lab} = 275$

$g^*_{Lab} = 280$

$g^*_{Lab} = 285$

$g^*_{Lab} = 290$

$g^*_{Lab} = 295$

$g^*_{Lab} = 300$

$g^*_{Lab} = 305$

$g^*_{Lab} = 310$

$g^*_{Lab} = 315$

$g^*_{Lab} = 320$

$g^*_{Lab} = 325$

$g^*_{Lab} = 330$

$g^*_{Lab} = 335$

$g^*_{Lab} = 340$

$g^*_{Lab} = 345$

$g^*_{Lab} = 350$

$g^*_{Lab} = 355$

$g^*_{Lab} = 360$

$g^*_{Lab} = 365$

$g^*_{Lab} = 370$

$g^*_{Lab} = 375$

$g^*_{Lab} = 380$

$g^*_{Lab} = 385$

$g^*_{Lab} = 390$

$g^*_{Lab} = 395$

$g^*_{Lab} = 400$

Input and output:

Colorimetric Printer Reflective System FRS09_92a

data for any colour:

$lab^{*}ch^*$ and $lab^{*}cv^*$

device line hex:

$a^* = 16$ lines 000y, 025y, ..., m50y

contrast reduction factor:

$c_R = 1.0$

$triangle\ lightness^*$

$i^* = 1.00$

$Y = 100$

$M = 100$

$C = 100$

$b^* = 100$

$g^* = 100$

$g^*_{Lab} = 31$

$g^*_{Lab} = 40$

$g^*_{Lab} = 45$

$g^*_{Lab} = 50$

$g^*_{Lab} = 55$

$g^*_{Lab} = 60$

$g^*_{Lab} = 65$

$g^*_{Lab} = 70$

$g^*_{Lab} = 75$

$g^*_{Lab} = 80$

$g^*_{Lab} = 85$

$g^*_{Lab} = 90$

$g^*_{Lab} = 95$

$g^*_{Lab} = 100$

$g^*_{Lab} = 105$

$g^*_{Lab} = 110$

$g^*_{Lab} = 115$

$g^*_{Lab} = 120$

$g^*_{Lab} = 125$

$g^*_{Lab} = 130$

$g^*_{Lab} = 135$