achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**maximum luminance discrimination**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-1

achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**maximum chromatic signal and chroma signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-2

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**maximum luminance discrimination**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-1

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**maximum chromatic signal and chroma signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-2

achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**adjacent colours; chromatic threshold range**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-3

achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; chroma threshold range**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-4

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**adjacent colours; chromatic threshold range**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-3

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; chroma threshold range**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-4

achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,4c\,(x_r{+}x_p)]$
**adjacent colours; maximum chromatic signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-5

achromatic- and *B*-chromatic signals
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; maximum chroma**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-6

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**adjacent colours; maximum chromatic signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-5

achromatic- and *B*-chromatic signals
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; maximum difference (chroma)**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-6

chromatic signal *B*: light and dark
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**adjacent colours; maximum chromatic signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-7

chromatic signal *B*: light and dark
$Q[1,4c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; maximum chroma**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE320-8

chromatic signal *B*: light and dark
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**adjacent colours; maximum chromatic signal**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-7

chromatic signal *B* – achromatic signal
$Q[1,0c\,(x_r{+}x_p)]$ $-2Q[1,0c\,(x_r{+}x_p)]$
**separate colours; maximum chroma (difference)**
$x_p = -2; 0$
$L_b = 100$ cd/m$^2$
$1\,x_r = \log L_r$
XE321-8

I
D+I
process
D



See for similar files: http://www.ps.bam.de/XE32/; www.ps.bam.de/XE.HTM
Technical information: http://www.ps.bam.de Version 2.11, io=1.1

BAM-test chart no. XE32; response and luminance
Colour space line elements and cone responses

input: *cmy0* setcmykcolor*
output: no change compared to input