

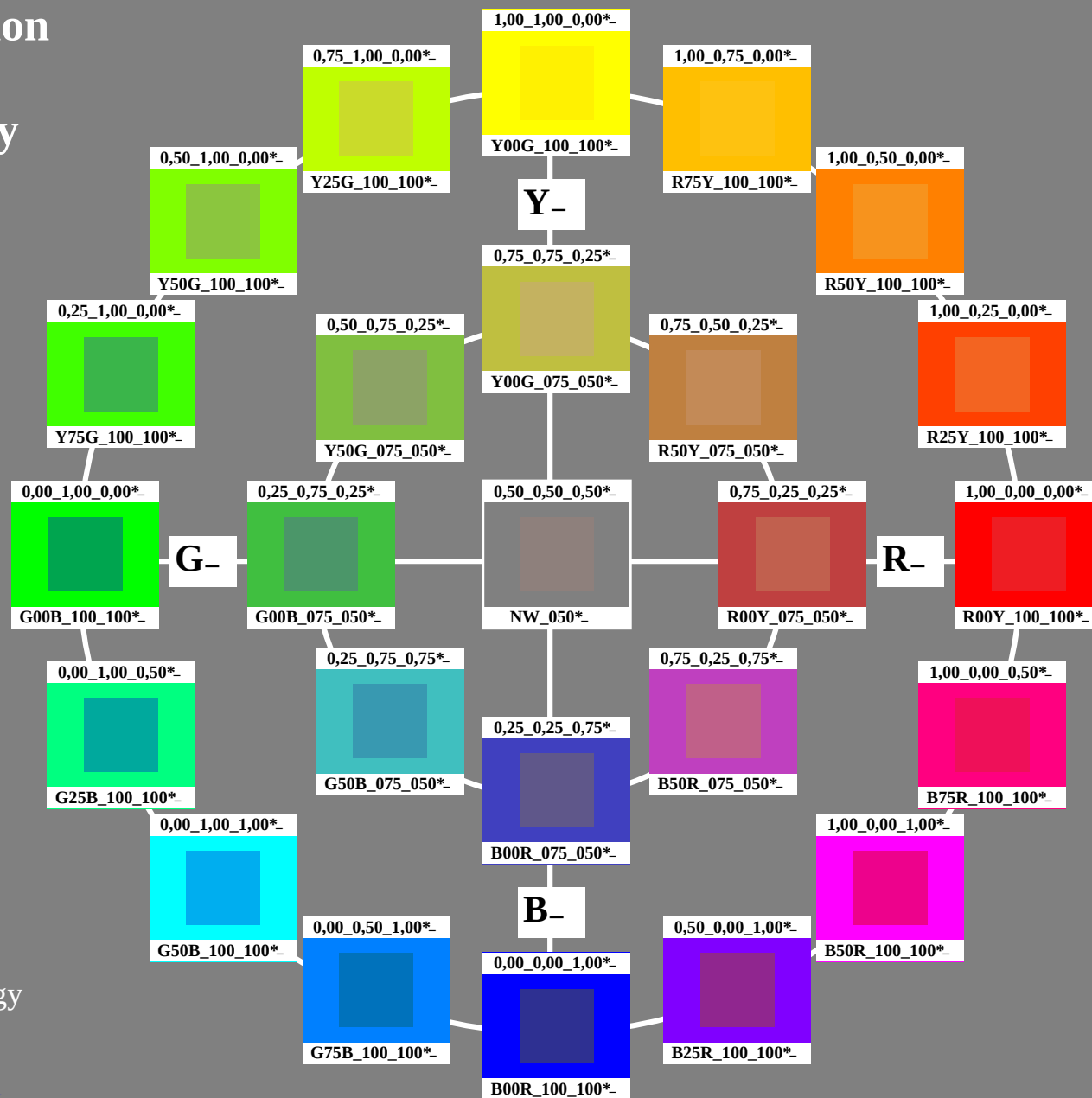
Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*e (bottom)

Special print for the exhibition
Colour and Colour Vision
Section Lighting Technology
of the Berlin University of Technology
Einsteinufer 19, D-10587 Berlin
see: <http://www.li.tu-berlin.de>
and <http://130.149.60.45/~farbmetrik>

TUB-test chart PE76; hue circle; 16 and 8 steps
25 standard colours for D65



input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change

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rgb data: $rgb * e$ (top)
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1-103131-E0 PE760-72

TUB-test chart PE76; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, de=0, $cmy0^*$

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmy0^*_{dd}$

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

TUB registration: 20150701-PE76/PE76L0FA.TXT /.PS
application for measurement of offset print output, separation $cmy0^*$ (CMY0)

TUB material: code=rha4ta

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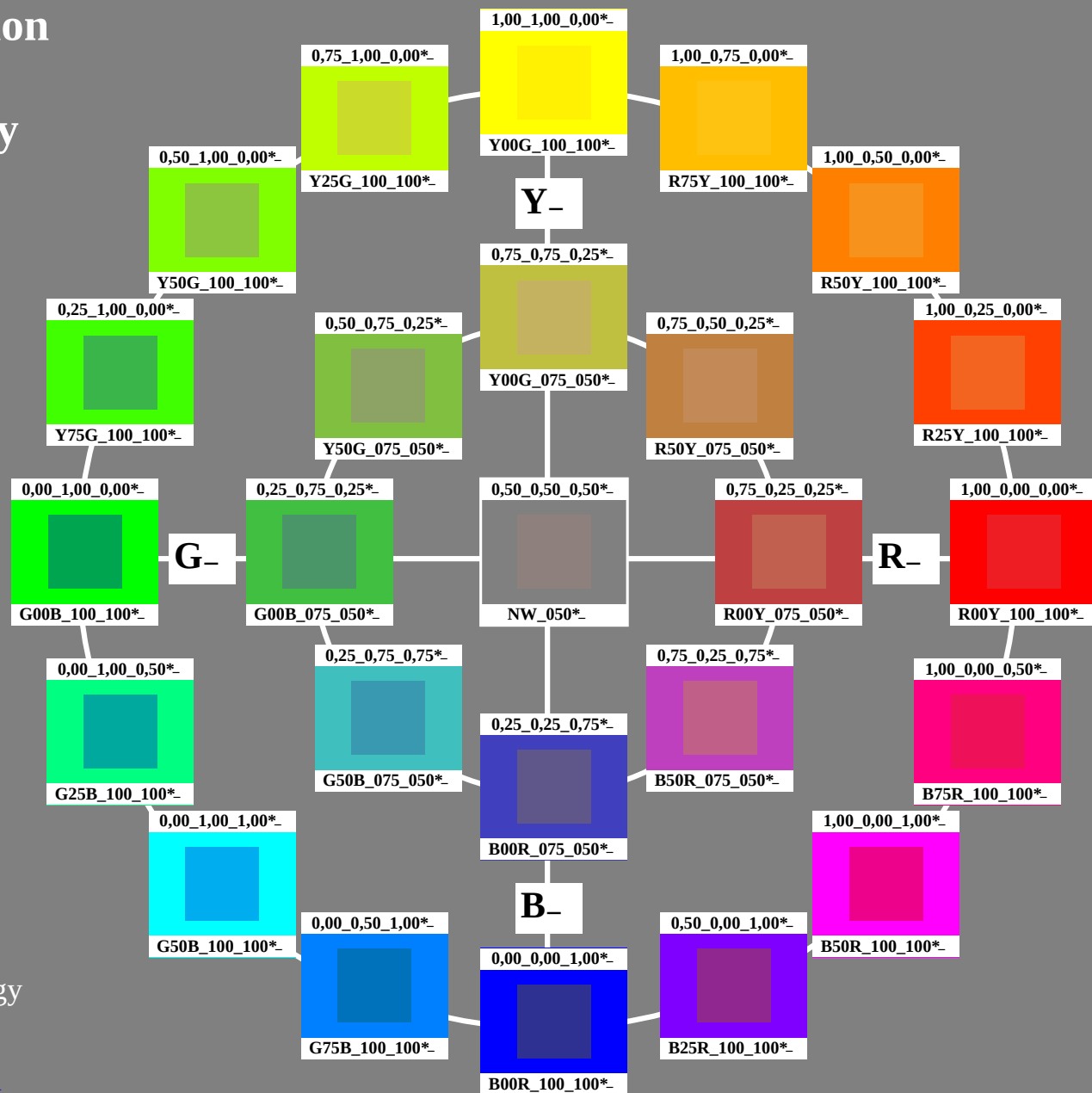
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25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: $rgb \cdot e$ (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : $HIC \cdot e$ (bottom)

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TUB-test chart PE76; hue circle; 16 and 8 steps
25 standard colours for D65

input: $rgb/cmyk \rightarrow rgb/cmyk$
output: no change



TUB registration: 20150701-PE76/PE76L0FA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta

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1-113131-E0 PE760-73

TUB-test chart PE76; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, $de=1$, $cmy0^*$

input: $rgb/cmyk \rightarrow rgb_{de}$
output: 3D-linearization to $cmy0^*_{de}$

PE4600L_120830.TXT, 1080 colors, Separation $cmy0^*$

