

Colour and Colour Vision Elementary Colours in Information Technology

Author: Prof. Dr. Klaus Richter

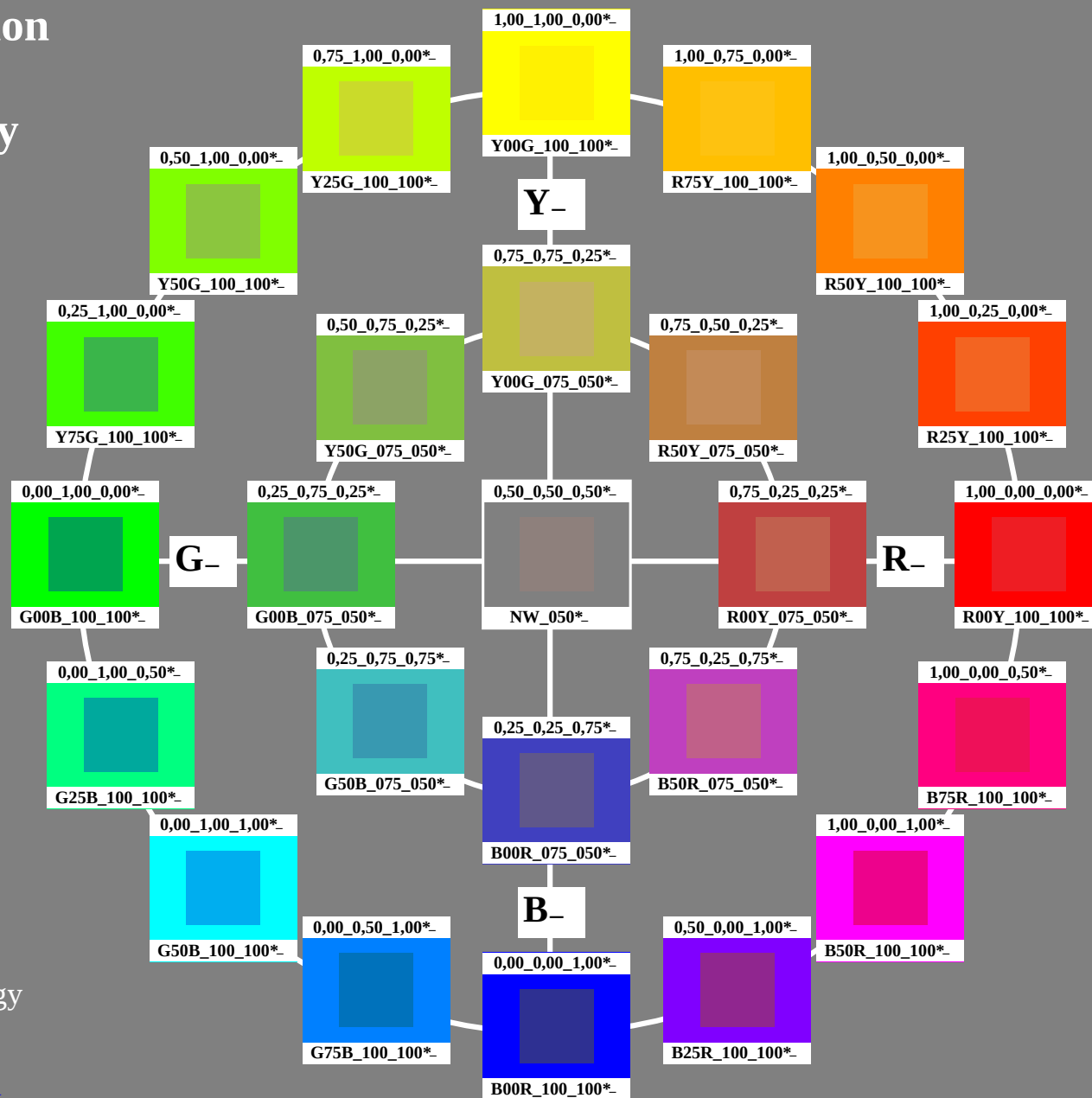
25 standard colours for D65
hue circle with 16 and 8 steps
standard display sRGB
rgb data: rgb^*e (top)
elementary hue H^* , brilliance I^* ,
chroma C^* : HIC^*e (bottom)

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>

1/103030-10 PE730-7N

TUB-test chart PE73; hue circle; 16 and 8 steps
25 standard colours for D65

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



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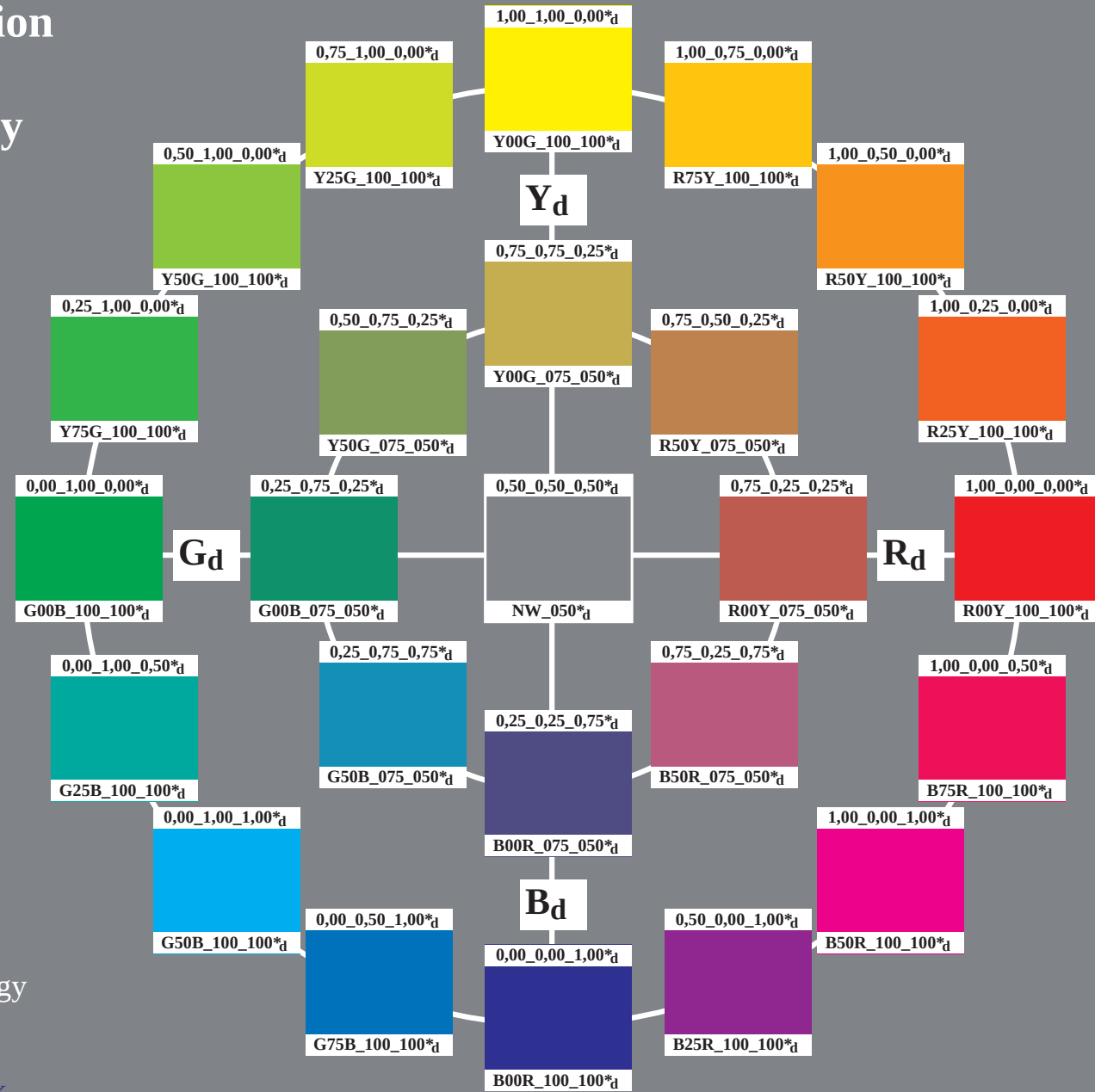
25 standard colours for D65
hue circle with 16 and 8 steps
standard display *sRGB*
rgb data: *rgb****e** (top)
elementary hue *H**, brilliance *I**,
chroma *C**: *HIC****e** (bottom)

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TUB-test chart PE73; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=1, de=0, *cmymk**

PE4300L_120830.TXT, 1080 colors, Separation cmyn6*

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



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TUB-test chart PE73; hue circle; 16 and 8 steps
25 standard colours for D65

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

TUB registration: 20150701-PE73/PE73L0FP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

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