

Colour and Colour Vision Elementary Colours in Information Technology

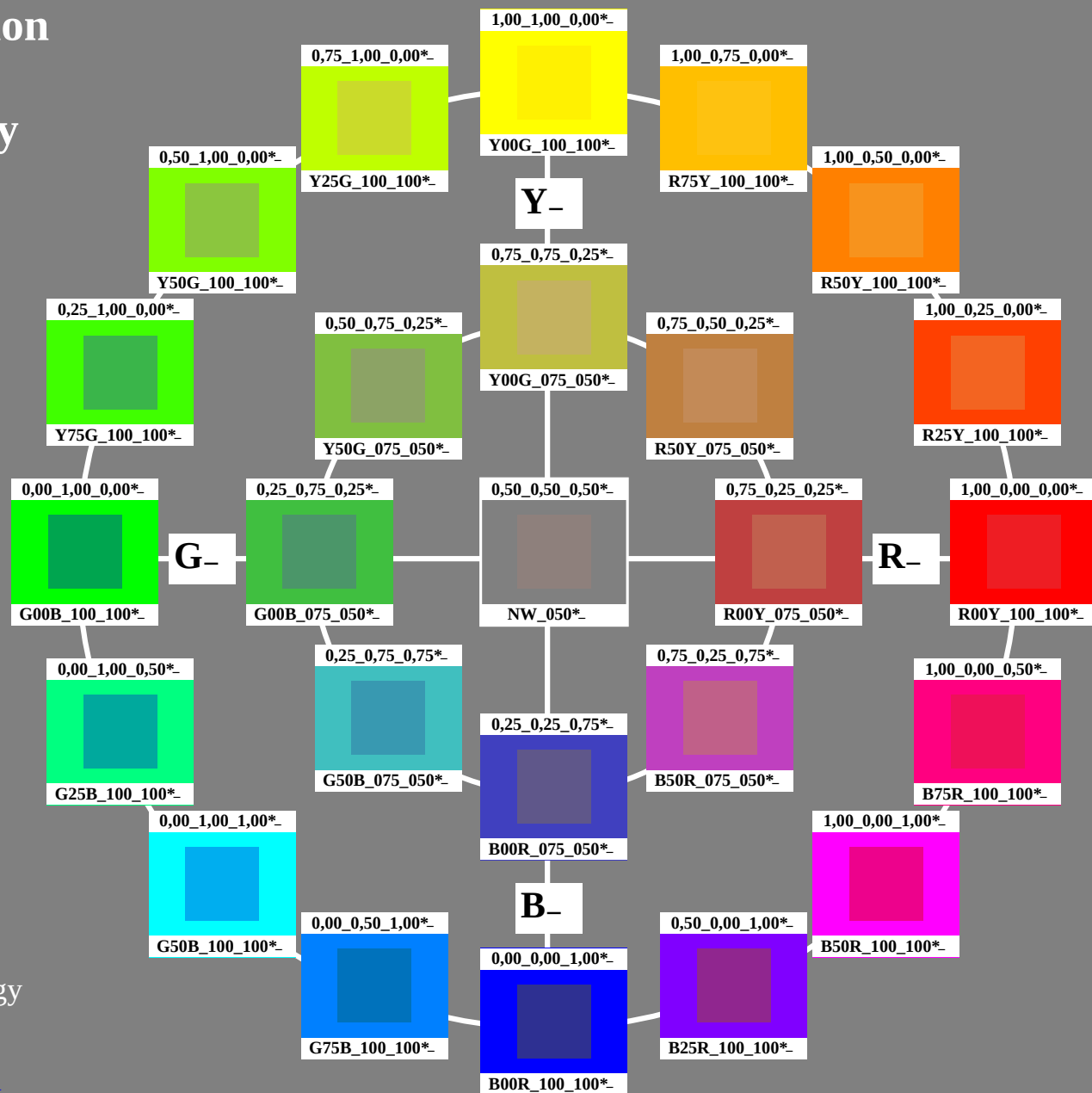
Author: Prof. Dr. Klaus Richter

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>
and <http://130.149.60.45/~farbmetrik>

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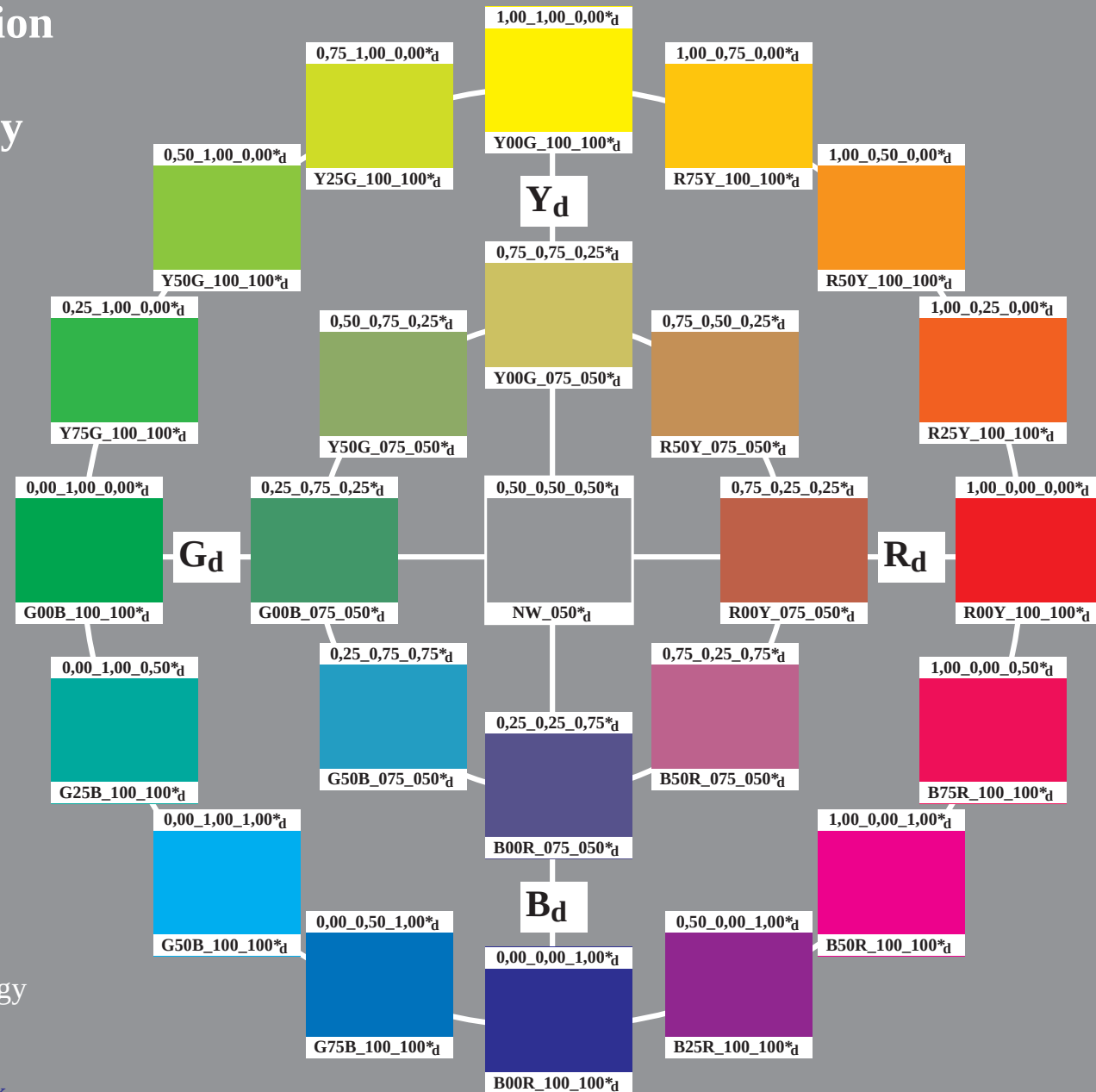
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hue circle with 16 and 8 steps
standard display *sRGB*
rgb data: *rgb**_e (top)
elementary hue *H**, brilliance *I**,
chroma *C**: *HIC**_e (bottom)

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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmyk_d$

TUB registration: 20150701-PE73/PE73L0NP.PDF/.PS TUB material
- application for measurement of offset print output, separation cmy6 (CMYK)



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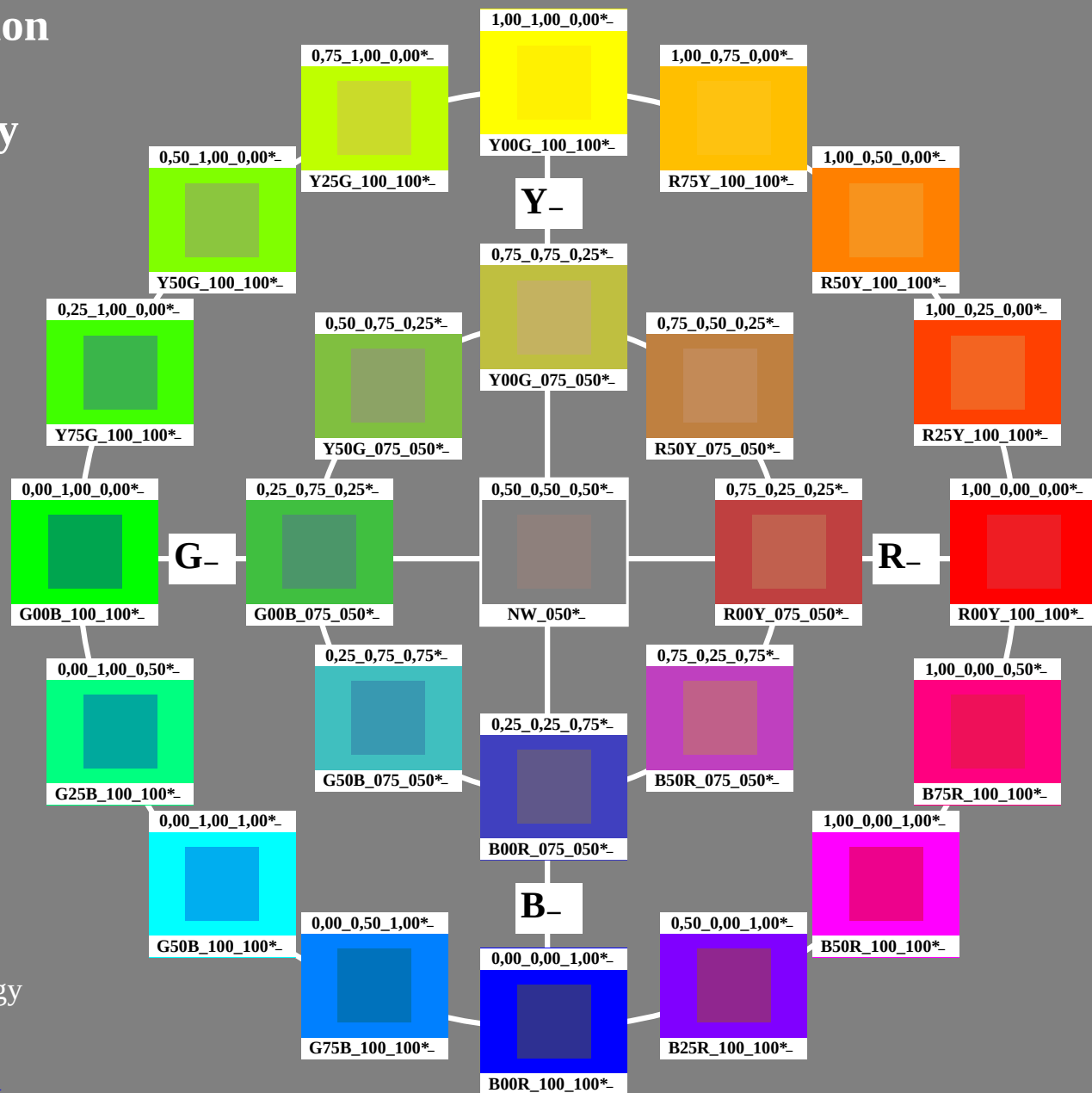
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