

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 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/PE76L0NP.PDF /.PS
application for measurement of offset print output

TUB material: code=rha4ta

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rgb data: $rgb * e$ (top)
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chroma C^* : $HIC * e$ (bottom)

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1-003131-10 PE760-70

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

input: $rgb/cmyk \rightarrow rgb_d$
output: transfer to $cmy0_d$

PE4600L_120830.TXT, 1080 colors, Separation cmy0*

TUB registration: 20150701-PE76/PE76L0NP.PDF /.PS
application for measurement of offset print output, separation cmy0 (CMY0)
TUB material: code=rha4ta

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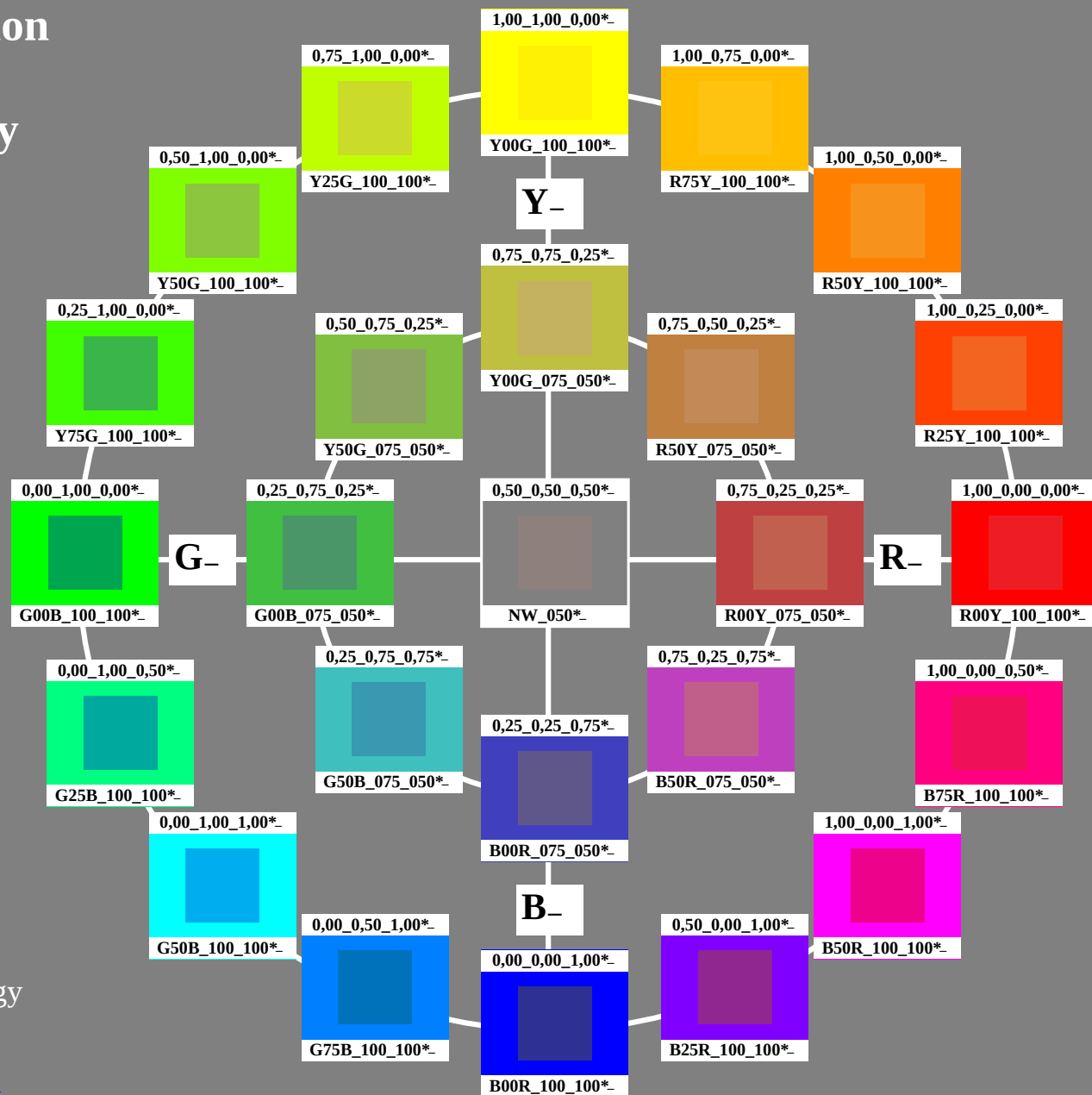
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TUB-test chart PE76; hue circle; 16 and 8 steps
25 standard colours for D65, 3D=0, de=1, $cmy0$

input: $rgb/cmyk \rightarrow rgb_e$
output: transfer to $cmy0_e$

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

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application for measurement of offset print output, separation $cmy0$ (CMY0)
TUB material: code=rha4ta