

**TU Berlin, RECS and ISO-test charts of ISO/IEC 15775 & ISO 9241-306**

**Relative Elementary Colour System RECS as digital and analog atlas**

**Part 1 (pages 1 – 18)**, compare <http://color.li.tu-berlin.de/A/33872E.html>.

**Relative Elementary Colour System (RECS)**, compare DIN 33872-1 to 6:2010.  
Analog colour atlas with 5 and 16 step colour scales of 16 hues and about 2000 colour samples in standard offset printing on fluorescent free standard offset paper.

**Part 2 (Pages 19 – 36)**

**Test charts according to ISO/IEC 15775:2022, and ISO/CEN/DIN 9241–306:2018**

For the digital test charts according to ISO/IEC 15775:2022, see for free download

<http://standards.iso.org/iso-iec/15775/ed-2/en>

For the digital test charts according to ISO 9241–306, see for free download

<http://standards.iso.org/iso/9241/306/ed-2/index.html>.

The start and linearized output in CIELAB is printed with an intelligent CMYK-separation technology in standard offset on fluorescent free standard offset paper.

The 1080 colours of the start print of the ISO-test chart AE49 were measured.

CIE R8-09:2015 (CIE internal) was used for the linearized print of AE49 and the other ISO-test charts. For the similar technical content compared to R8-09, see

[http://color.li.tu-berlin.de/OUTLIN16\\_01.PDF](http://color.li.tu-berlin.de/OUTLIN16_01.PDF).

The prints are for: CIE/ISO-standard illuminant D65, 45/0 geometry, 2 degree observer.

For additional information, see <http://color.li.tu-berlin.de>.

For the order of the printed RECS and information: [sekretariat@li.tu-berlin.de](mailto:sekretariat@li.tu-berlin.de)

Lighting Technology, Sekretariat E6, Einsteinufer 19, D–10587 Berlin, Germany.

CEV00–3N

**TU Berlin, CV&E and ISO-test charts of ISO/IEC 15775 & ISO 9241-306**

**Colour, Colour Vision and Elementary Colours in Colour Information Technology**

**Part 1 (pages 1 – 66)**

**Colour, Colour Vision, and Colour Education (CV&E)**

This part introduces in the topic with 60 colour figures and is available in six languages, see <http://color.li.tu-berlin.de/color/index.html>.

**Part 2 (Pages 67 – 75)**

**Test charts according to ISO/IEC 15775:2022, and ISO/CEN/DIN 9241–306:2018**

**For the digital test charts of ISO 9241–306, see for free download**

<http://standards.iso.org/iso/9241/306/ed-2/index.html>.

The start and linearized output in CIELAB is printed with an intelligent CMYK-separation technology in standard offset on offset paper with less fluorescence.

The 1080 colours of the start print of the ISO-test chart AE49 were measured.

CIE R8-09:2015 (CIE internal) was used for the linearized print of AE49 and the other ISO-test charts. For the similar technical content compared to R8-09, see

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The prints are for: CIE/ISO-standard illuminant D65, 45/0 geometry, 2 degree observer.

For additional information, see <http://color.li.tu-berlin.de>.

For the order of the printed CV&E and information: [sekretariat@li.tu-berlin.de](mailto:sekretariat@li.tu-berlin.de),

Lighting Technology, Sekretariat E6, Einsteinufer 19, D–10587 Berlin, Germany.

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**K. Richter, RECS and ISO-test charts of ISO/IEC 15775 & ISO 9241-306**

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For additional information, see <http://color.li.tu-berlin.de>.

For the order of the printed RECS and information: [sekretariat@li.tu-berlin.de](mailto:sekretariat@li.tu-berlin.de)

For technical information use an email to: [klaus.richter@mac.com](mailto:klaus.richter@mac.com)

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**K. Richter, CV&E and ISO-test charts of ISO/IEC 15775 & ISO 9241-306**

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<http://standards.iso.org/iso/9241/306/ed-2/index.html>.

The start and linearized output in CIELAB is printed with an intelligent CMYK-separation technology in standard offset on offset paper with less fluorescence.

The 1080 colours of the start print of the ISO-test chart AE49 were measured.

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For additional information, see <http://color.li.tu-berlin.de>.

For the order of the printed CV&E and information: [sekretariat@li.tu-berlin.de](mailto:sekretariat@li.tu-berlin.de),

For technical information use an email to: [klaus.richter@mac.com](mailto:klaus.richter@mac.com)

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