

## Application of colour in daily life or in Information Technology (IT):

**Design, architecture, art, industrial products**  
**Measured for CIE standard illuminant D65**  
**colour order system: name and coordinates**

**RAL Design System (CIELAB):**

*LCH\**, lightness, chroma, hue

**Munsell Colour System:**

*VCH\**, lightness (Value), Chroma, Hue

**Natural Colour System (NCS):**

*nce\**: blackness, chromaticness, elementary hue

**New: Application connection by coordinates *olv\**, *cmv\**, *tce\**, ... und linear relation to *LAB\****

CIELAB: *LAB\** : lightness, red-green and yellow-blue chroma; *LCH\** : lightness, chroma, hue

Definition of device coordinates similar to coordinates of colour order systems

*lch\**: relative lightness, chromaticness, hue

*tch\**, *tce\**: triangle lightness, chromaticness, hue or elementary hue

*nce\**: blackness, chromaticness, elementary hue

**Information technology of printers**

**Measured for CIE "other" illuminant D50**

**Device system name and coordinates:**

**Printer system (illuminant D50):**

*cmv*, content of "cyan", "magenta", "yellow"

**Display system (standard illuminant D65):**

*rgb/sRGB*, content of "red", "green", "blue"

*IT colour coordinates confuse the users!*

*Nearly no connection to colour order systems!*