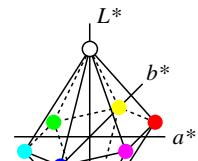


<http://130.149.60.45/~farbmefrik/IE15/IE15L0NP.PDF/.PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

#### 8 Device Colours in the CIELAB system

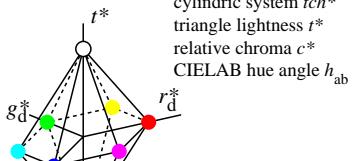
*OYLCVM and NW*       $LAB^* = L^*, a^*, b^*$   
 $LCH^* = L^*, C_{ab}^*, h_{ab}$



IE150-1N

#### 8 Device Colours in the device (d) system

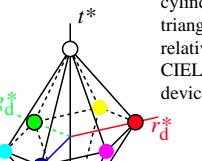
*OYLCVM and NW*      triangle system  $rgb_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$



IE150-2N

#### 8 device colours (d) in device system

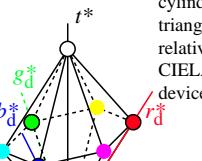
*(RJGCBM)\_d and NW*      triangle system  $rgb_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
device hue text  $u_d^*$



IE151-1N

#### 8 device colours (d) in device system

*(RJGCBM)\_d and NW*      triangle system  $rgb_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
device hue text  $u_d^*$



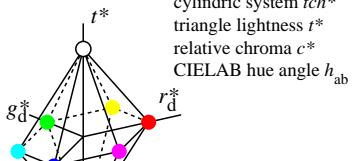
IE151-2N

#### 8 Device Colours in elementary hue (h) system

*OYLCVM and NW*      triangle system  $rgb_h^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_h^*$

#### 8 Device Colours in the elementary (e) system

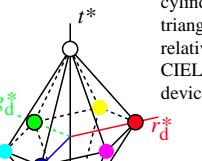
*OYLCVM and NW*      triangle system  $rgb_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



IE150-3N

#### 8 device (d) and 3 elementary (e) colours

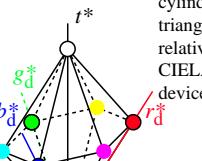
*(RJGCBM)\_d, NW and (RGB)\_e*      triangle system  $rgb_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



IE151-3N

#### 8 device (d) and 3 elementary (e) colours

*(RJGCBM)\_d, NW and (RGB)\_e*      triangle system  $rgb_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



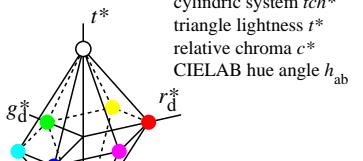
IE151-4N

#### 8 Device Colours in the device (d) system

*OYLCVM and NW*      triangle system  $rgb_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$

#### 8 Device Colours in the device (d) system

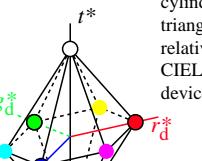
*OYLCVM and NW*      triangle system  $rgb_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$



IE150-5N

#### 8 device colours (d) in device system

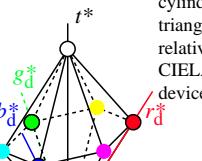
*(RJGCBM)\_d, NW and (CMY)\_d*      triangle system  $cmy_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
device hue text  $u_d^*$



IE151-5N

#### 8 device colours (d) in device system

*(RJGCBM)\_d, NW and (CMY)\_d*      triangle system  $cmy_d^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
device hue text  $u_d^*$



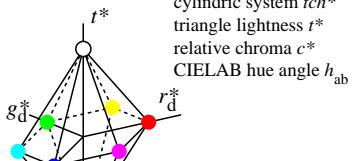
IE151-6N

#### 8 Device Colours in elementary hue (h) system

*OYLCVM and NW*      triangle system  $rgb_h^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_h^*$

#### 8 Device Colours in the elementary (e) system

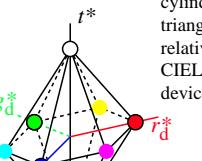
*OYLCVM and NW*      triangle system  $rgb_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



IE150-7N

#### 8 device (d) and 3 elementary (e) colours

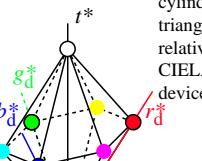
*(RJGCBM)\_e, NW and (CMY)\_e*      triangle system  $cmy_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



IE151-7N

#### 8 device (d) and 3 elementary (e) colours

*(RJGCBM)\_e, NW and (CMY)\_e*      triangle system  $cmy_e^*$   
cylindric system  $tch^*$   
triangle lightness  $t^*$   
relative chroma  $c^*$   
CIELAB hue angle  $h_{ab}$   
elementary hue text  $u_e^*$



IE151-8N

TUB-test chart IE15; 6 device and 4 elementary colours  
Relation between CIELAB data and colour data  $rgb$  and  $cmy$

input:  $olv^*$  setrgbcOLOR

output: no change compared to input

See original or copy: [http://web.me.com/klaus\\_richter/IE15/IE15L0NP.PDF/.PS](http://web.me.com/klaus_richter/IE15/IE15L0NP.PDF/.PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>