

Achromatic colours*five achromatic colours:*

N Black (french noir)
D Dark grey
Z Central grey
H Light grey
W White

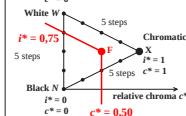
Elementary colours*"Neither-nor"-colours**four elementary colours:*

R Red
neither yellowish nor blueish
G Green
neither yellowish nor blueish
B Blue
neither greenish nor reddish
J Yellow (french jaune)
neither greenish nor reddish

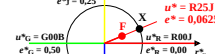
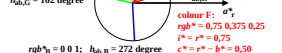
Device colours*Television (TV), Print (PR)
Photography (PH)**six device colours:*

C Cyan blue
M Magenta red
Y Yellow
O Orange red
L Leaf green
V Violet blue

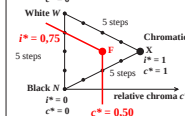
De200-3

User friendly colorimetric colour notation icu^* or ice^* and linear relation to the relative rgb^* colour data i^* relative brilliancy c^* relative chroma u^* elementary (unique) hue text e^* elementary hue number E^* elementary hue angle $i^* = 1$ $c^* = 0$ 

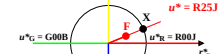
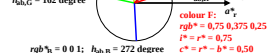
example for colour notation:

 $icu^* = 0,75 \ 0,50 \ R25J$ or
 $ice^* = 0,75 \ 0,50 \ 0,0625 \ (=0,25/4)$ relative opponent (r^* , j^*) chroma $u^*_J = J00G \ \Delta J^*_r$ $e^*_J = 0,25$ $u^* = R25J$ $e^* = 0,0625$ relative trichromatic CIELAB (a^* , b^*) chroma $rgb^*_Y = 1 \ 1 \ 0$ $h_{ab,Y} = 92 \text{ degree}$ $rgb^*_X = 1 \ 0,25 \ 0$ $h_{ab,X} = 42 \text{ degree}$ $= (25 + 0,25 \cdot 67) \text{ degree}$ $rgb^*_G = 0 \ 1 \ 0$ $h_{ab,G} = 162 \text{ degree}$ $rgb^*_B = 1 \ 0 \ 0$ $h_{ab,B} = 25 \text{ degree}$ 

De200-7N

User friendly colorimetric colour notation icu^* and linear relation to the relative rgb^* colour data i^* relative brilliancy c^* relative chroma u^* elementary (unique) hue text $i^* = 1$ $c^* = 0$ 

example for colour notation:

 $icu^* = 0,75 \ 0,50 \ R25J$ relative opponent (r^* , j^*) chroma $u^*_J = J00G \ \Delta J^*_r$ $e^*_J = 0,25$ $u^* = R25J$ relative trichromatic CIELAB (a^* , b^*) chroma $rgb^*_Y = 1 \ 1 \ 0$ $h_{ab,Y} = 92 \text{ degree}$ $rgb^*_X = 1 \ 0,25 \ 0$ $h_{ab,X} = 42 \text{ degree}$ $= (25 + 0,25 \cdot 67) \text{ degree}$ $rgb^*_G = 0 \ 1 \ 0$ $h_{ab,G} = 162 \text{ degree}$ $rgb^*_B = 1 \ 0 \ 0$ $h_{ab,B} = 25 \text{ degree}$ 

De200-7N