

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE91_HRS27_96_D65_00%_G0

Results: $h_{ab} = 50.85^\circ$; $t^*_{olv^*} = t^*_{lab^*}$

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

$$w^* = \min(olv^*) = 1 - d^*$$

$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

$b^*_{olv^*}$

Y00L

1,0

$$a^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$$

$$b^*_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

O00Y

relative chroma

$a^*_{olv^*}$

M00O

-1,0

C00V

-1,0

V00M

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE91_HRS27_96_D65_00%_G1

Results: $t^*_{olv^*} = t^*_{lab^*}$

$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

$$n^* = 1 - \max(olv^*) = 1 - i^*$$

$$w^* = \min(olv^*) = 1 - d^*$$

$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

$$b^*_{olv^*}$$

$$a^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$$

$$b^*_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

