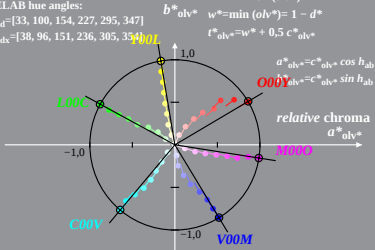


Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_00%_O0
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$
 $c^*_{olv^*}=\max(olv^*) - \min(olv^*)$
 $n^*=1 - \max(olv^*)=1 - i^*$
 $w^*=\min(olv^*)=1 - d^*$
 $t^*_{olv^*}=w^* + 0,5 c^*_{olv^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 100, 154, 227, 295, 347]$

$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$



Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_00%_O1
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 100, 154, 227, 295, 347]$

$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$

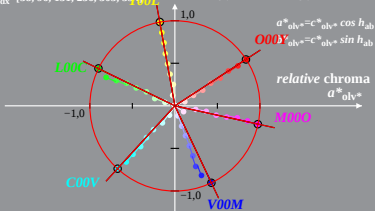
$b^*_{olv^*}$

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

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

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

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



Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_25%_O0
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$
 CIELAB hue angles:
 $h_{ab,d}=[33, 100, 154, 227, 295, 347]$
 $h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

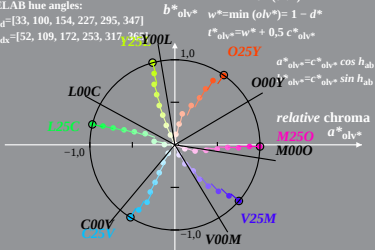
$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

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

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

relative chroma

$$a^*_{olv^*}$$



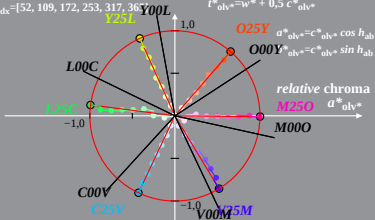
Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_25%_O1
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$
 CIELAB hue angles:
 $h_{ab,d}=[33, 100, 154, 227, 295, 347]$
 $h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

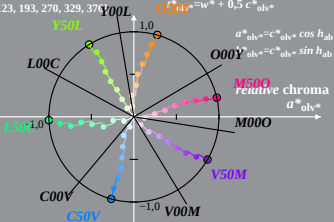
$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

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

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

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



$a_{0/y}^*$ or chroma $a_{0/y}^*$, $b_{0/y}^*$
$$c^*_{olv} = \max(olv^*) - \min(olv^*)$$
$$n^* = 1 - \max(o/v^*) = 1 - i^*$$
$$w^* = \min(o/v^*) = 1 - d^*$$
$$1,50V_{\text{ox}} = w^* + 0,5 c^*_{\text{ox}} V^*$$
$$0,50V^* = W^* + 0,5 C^*_{olv}$$


GE841-8A, 5; cfl=0.90; nt=0.18; nx=1.0

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_50%_O1
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 100, 154, 227, 295, 347]$

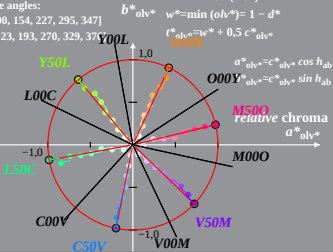
$h_{ab,dx}=[67, 123, 193, 270, 329, 376]$

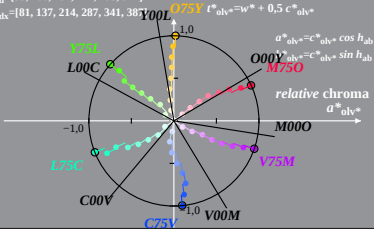
$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

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

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

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



$^*_{\text{olv}}$ or chroma a^*_{olv} , b^*_{olv}
$$c^*_{o/v^*} = \max(o/v^*) - \min(o/v^*)$$
$$n^* = 1 - \max (o/v^*) = 1 - i^*$$
$$w^* = \min(o/v^*) = 1 - d^*$$
$$l^*_{o/y^*} = w^* + 0,5 c^*_{o/y^*}$$
$$l^*_{olv} = w^* + 0,5 c^*_{olv}$$


GE841-8A, 7; cf1=0.90; nt=0.18; nx=1.0

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}$, $b^*_{olv^*}$
 System: GE84_HRS16_96_D65_75%_O1
 Result: $c^*_{olv^*}=c^*_{lab^*}$; $t^*_{olv^*}=t^*_{lab^*}$
 $c^*_{olv^*}=\max(olv^*) - \min(olv^*)$
 $n^*=1 - \max(olv^*)=1 - i^*$
 $w^*=\min(olv^*)=1 - d^*$

CIELAB hue angles:

$h_{ab,d}=[33, 100, 154, 227, 295, 347]$

$h_{ab,dx}=[81, 137, 214, 287, 341, 387]$

$b^*_{olv^*}$

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

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

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

