

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_00%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}; t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

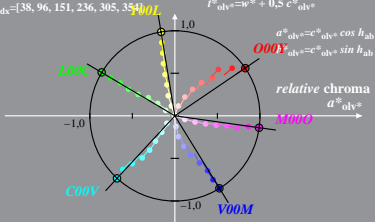
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$

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

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

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

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



GE811-8A, 1; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_00%_O1

Result: $e^*_{olv^*}=e^*_{lab^*}; t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

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

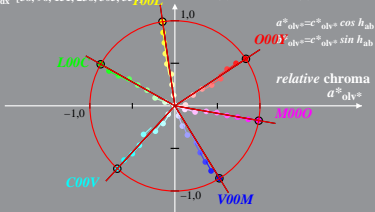
$b^*_{olv^*}$

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

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

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

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



GE811-8A, 2; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_25%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}; t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

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

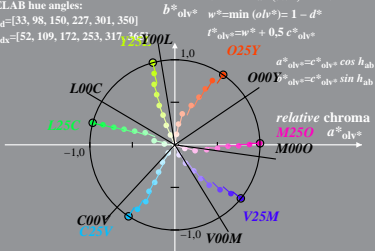
$a^*_{olv^*}=c^*_{olv^*} \cos h_{ab}$

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

relative chroma

$M250$ $a^*_{olv^*}$

$M000$



GE811-8A, 3; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_25%_O1

Result: $c^*_{olv^*}=c^*_{lab^*}; t^*_{olv^*}=t^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

$b^*_{olv^*}$

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

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

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

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

O25Y

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

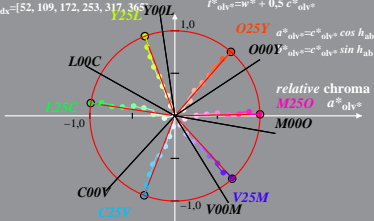
O00Y*

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

relative chroma

M250 $a^*_{olv^*}$

M000



Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$

System: GE81_HRS27_96_D65_50%_O0

Result: $c^*_{olv^*}=c^*_{lab^*}; i^*_{olv^*}=i^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

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

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

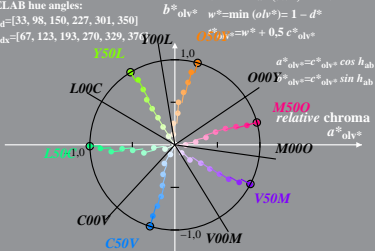
$$n^* = 1 - \max(olv^*) = 1 - i^*$$

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

$$Y^*_{50} = w^* + 0,5 c^*_{olv^*}$$

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

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



Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_75%_O0

Result: $e^*_{olv^*}=e^*_{lab^*}; i^*_{olv^*}=i^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

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

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

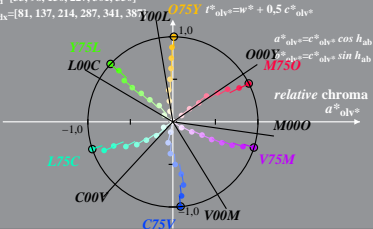
$$n^* = 1 - \max(olv^*) = 1 - i^*$$

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

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

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

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



Linear relation olv^* and relative chroma $c^*_{olv^*}$ or chroma $a^*_{olv^*}, b^*_{olv^*}$
 System: GE81_HRS27_96_D65_75%_O1

Result: $e^*_{olv^*}=e^*_{lab^*}; i^*_{olv^*}=i^*_{lab^*}$

CIELAB hue angles:

$h_{ab,d}=[33, 98, 150, 227, 301, 350]$

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

$b^*_{olv^*}$

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

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

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

$$075^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

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

$$000Y^*_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

relative chroma

$a^*_{olv^*}$

