

Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_00%_O0

Hue: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

olv^* and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

$$n^*=0; i^*=1$$

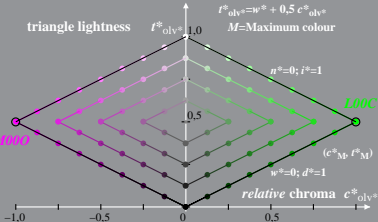
L00C

M000

(c^*_M, t^*_M)

$$w^*=0; d^*=1$$

relative chroma $c^*_{olv^*}$



GE811-7A, 1; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_00%_O1

Hue: $h^*_{L00C}=151/360$; $h^*_{M000}=354/360$

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

$c^*_{olv^*}$ and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

$$n^*=0; i^*=1$$

L00C

M000

(c^*_M, t^*_M)

$$w^*=0; d^*=1$$

relative chroma $c^*_{olv^*}$

-1,0

-0,5

0

0,5

GE811-7A, 2; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and $relative\ chroma\ c^*$
 System: GE81_HRS27_96_D65_25%_O0

Hue: $h^*_{L25C}=172/360$; $h^*_{M25O}=365/360$

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

olv^* and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

1,0

$$n^*=0; i^*=1$$

L25C

M25O

(c^*_M, t^*_M)

$$w^*=0; d^*=1$$

relative chroma $c^*_{olv^*}$

-1,0

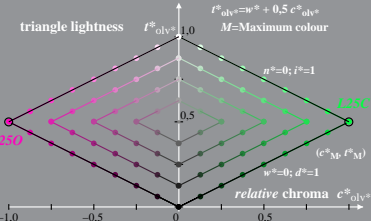
-0,5

0

0,5

→

GE811-7A, 3; cfl=0.95; nt=0.18; nx=1.0



Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_25%_O1

Hue: $h^*_{L25C}=172/360$; $h^*_{M25O}=365/360$

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

$c^*_{olv^*}$ and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

$$n^*=0; i^*=1$$

L25C

M25O

(c^*_M, t^*_M)

$$w^*=0; d^*=1$$

relative chroma $c^*_{olv^*}$

-1,0

-0,5

0

0,5

GE811-7A, 4; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_50%_O0

Hue: $h^*_{L50C}=193/360$; $h^*_{M500}=376/360$

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

olv^* and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

1,0

$$n^*=0; i^*=1$$

L50C

M500

(c^*_M, t^*_M)

$$w^*=0; d^*=1$$

relative chroma $c^*_{olv^*}$

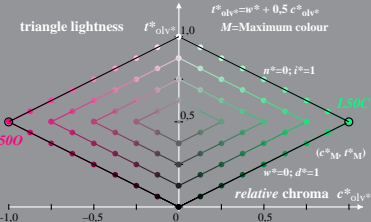
-1,0

-0,5

0

0,5

GE811-7A, 5; cfl=0.95; nt=0.18; nx=1.0



Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_50%_O1

Hue: $h^*_{L50C}=193/360$; $h^*_{M500}=376/360$

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

$c^*_{olv^*}$ and triangle lightness $t^*_{olv^*}$

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

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

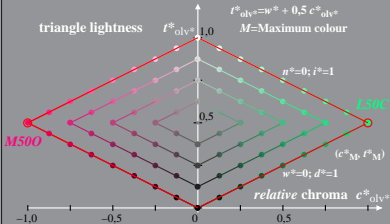
$$w^* = \min(olv^*) = 1 - d^*$$

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$



GE811-7A, 6; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_75%_O0

Hue: $h^*_{L75C}=214/360$; $h^*_{M75O}=387/360$

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

olv^* and triangle lightness $t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness

$t^*_{olv^*}$

1,0

$n^*=0$; $i^*=1$

L75C

M75O

0,5

(c^*_M, t^*_M)

$w^*=0$; $d^*=1$

relative chroma $c^*_{olv^*}$

-1,0

-0,5

0

0,5

GE811-7A, 7; cfl=0.95; nt=0.18; nx=1.0

Linear relation olv^* and $relative\ chroma\ c^*_{olv^*}$
 System: GE81_HRS27_96_D65_75%_O1

Hue: $h^*_{L75C}=214/360$; $h^*_{M75O}=387/360$

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

$c^*_{olv^*}$ and $triangle\ lightness\ t^*_{olv^*}$

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

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

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

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

M =Maximum colour

triangle lightness $t^*_{olv^*}$

1,0

$n^*=0; i^*=1$

L75C

M75O

0,5

(c^*_M, t^*_M)

$w^*=0; d^*=1$

relative chroma $c^*_{olv^*}$

-1,0

-0,5

0

0,5

GE811-7A, 8; cfl=0.95; nt=0.18; nx=1.0

