

Linear relation rgb^* and relative chroma c_{rgb}^* and triangle lightness t_{rgb}^*
 System: HE84_HRS16_96_D65_00%_O0

Hue: $h_{G00B}^* = 162/360$; $h_{B50R_{br}}^* = 329/360$

Result: $c_{rgb}^* = c_{lab}^*$; $t_{rgb}^* = t_{lab}^*$

c_{rgb}^* and triangle lightness t_{rgb}^*

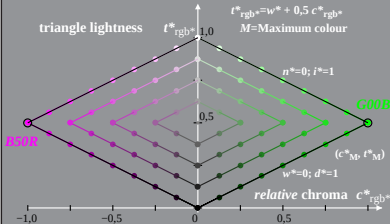
$c_{rgb}^* = \max(rgb^*) - \min(rgb^*)$

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

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

$t_{rgb}^* = w^* + 0,5 c_{rgb}^*$

$M = \text{Maximum colour}$



HE841-7A, 1; cf1=0.90; nt=0.18; nx=1.0

Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_00%_O1
 Hue: $h^*_{G00B}=162/360$; $h^*_{B50R_{br}}=329/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

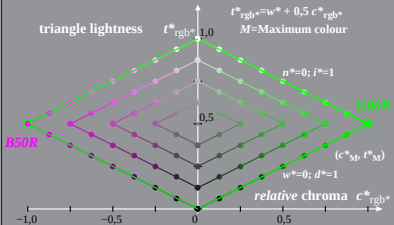
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

M =Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_25%_O0

Hue: $h^*_{G13B}=175/360$; $h^*_{B63R_{br}}=343/360$

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

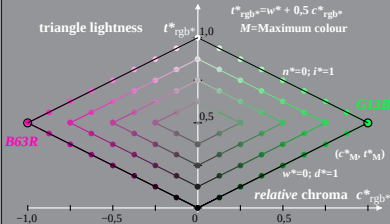
$c^*_{rgb^*}=\max(rgb^*)-\min(rgb^*)$

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

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

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

M =Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_25%_O1
 Hue: $h^*_{G13B}=175/360$; $h^*_{B63R_{br}}=343/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

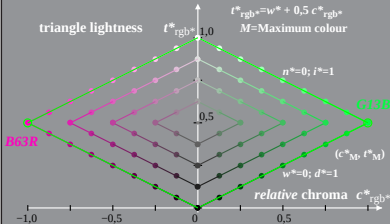
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_50%_O0

Hue: $h^*_{G25B}=189/360$; $h^*_{B75R_{br}}=357/360$

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

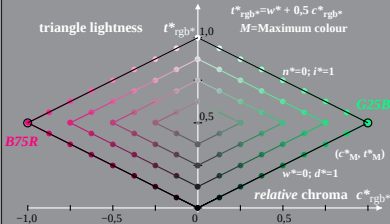
$c^*_{rgb^*}=\max(rgb^*)-\min(rgb^*)$

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

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

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

M =Maximum colour



HE841-7A, 5; cf1=0.90; nt=0.18; nx=1.0

Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_50%_O1
 Hue: $h^*_{G25B}=189/360$; $h^*_{B75R_{br}}=357/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

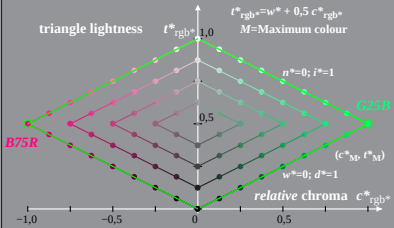
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

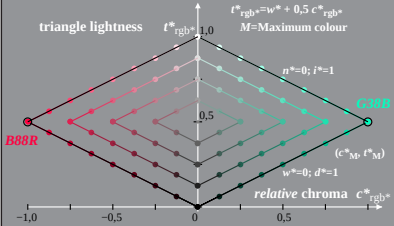
$$t^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$$

M =Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_75%_O0
 Hue: $h^*_{G38B}=203/360$; $h^*_{B88R_{br}}=371/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$
 $n^* = 1 - \max(rgb^*) = 1 - i^*$
 $w^* = \min(rgb^*) = 1 - d^*$
 $t^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$
 $M = \text{Maximum colour}$



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_75%_O1
 Hue: $h^*_{G38B}=203/360$; $h^*_{B88R_{br}}=371/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

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

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

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

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

$M = \text{Maximum colour}$

