

Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_00%_O0

Hue: $h^*_{J00G}=92/360$; $h^*_{B00R}=272/360$

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

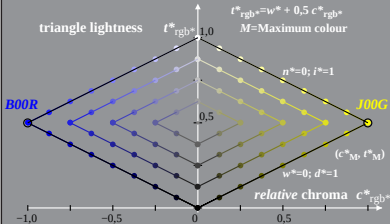
$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

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

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

M = Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_00%_O1

Hue: $h^*_{J00G}=92/360$; $h^*_{B00R}=272/360$

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

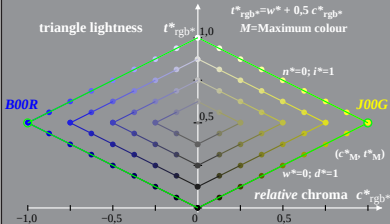
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

M =Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_25%_O0
 Hue: $h^*_{J25G}=109/360$; $h^*_{B12R}=286/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

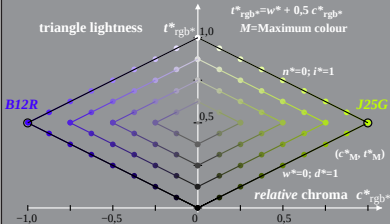
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



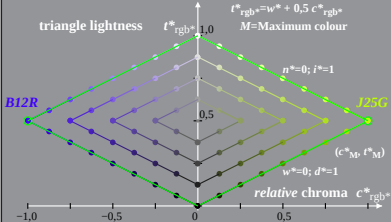
Linear relation rgb^* and *relative chroma*
System: HE84_HRS16_96_D65_25%_O1

Hue: $h^*_{D50}=109/360$; $h^*_{R128}=286/360$

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

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

M = Maximum colour



HE841-6A, 4; 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%_O0

Hue: $h^*_{J50G}=127/360$; $h^*_{B25R}=300/360$

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

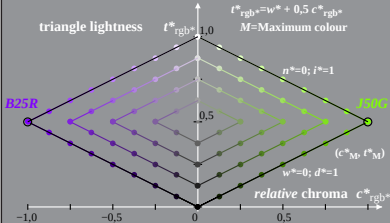
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

M =Maximum colour



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_50%_O1
 Hue: $h^*_{J50G}=127/360$; $h^*_{B25R}=300/360$
 Result: $c^*_{rgb^*}=c^*_{lab^*}$; $t^*_{rgb^*}=t^*_{lab^*}$

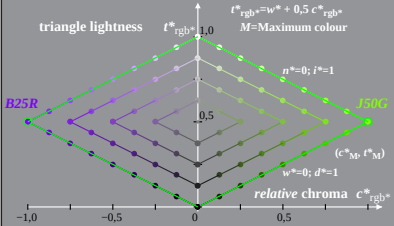
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation rgb^* and relative chroma $c^*_{rgb^*}$ and triangle lightness $t^*_{rgb^*}$
 System: HE84_HRS16_96_D65_75%_O0

Hue: $h^*_{J75G}=144/360$; $h^*_{B38R}=314/360$

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

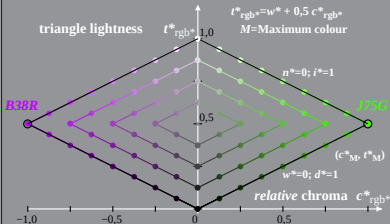
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

M =Maximum colour



Linear relation rgb^* and relative chroma c_{rgb}^* and triangle lightness t_{rgb}^*
 System: HE84_HRS16_96_D65_75%_O1

Hue: $h_{J75G}^* = 144/360$; $h_{B38R}^* = 314/360$

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

