

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_00%\_O0  
 Hue:  $h^*_{R00J}=26/360$ ;  $h^*_{G50B_{gb}}=217/360$   
 Result:  $c^*_{rgb^*}=c^*_{lab^*}$ ;  $t^*_{rgb^*}=t^*_{lab^*}$

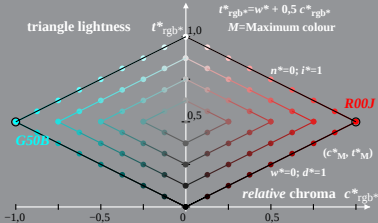
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_00%\_O1  
 Hue:  $h^*_{R00J}=26/360$ ;  $h^*_{G50B_{gb}}=217/360$   
 Result:  $c^*_{rgb^*}=c^*_{lab^*}$ ;  $t^*_{rgb^*}=t^*_{lab^*}$

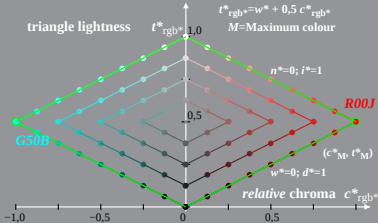
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_25%\_O0

Hue:  $h^*_{R25J}=42/360$ ;  $h^*_{G62B_{gb}}=230/360$

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

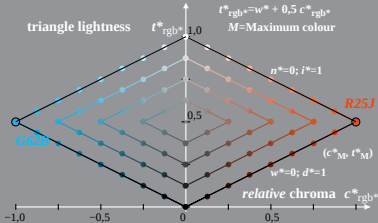
$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

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

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

$M = \text{Maximum colour}$



HE831-5A, 3; cf1=0.90; nt=0.18; nx=1.0

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_25%\_O1  
 Hue:  $h^*_{R25J}=42/360$ ;  $h^*_{G62B_{gb}}=230/360$   
 Result:  $c^*_{rgb^*}=c^*_{lab^*}$ ;  $t^*_{rgb^*}=t^*_{lab^*}$

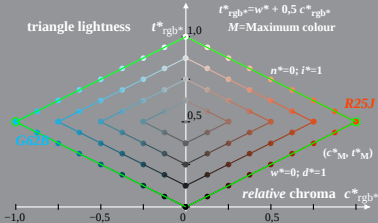
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M$ =Maximum colour



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_50%\_O0

Hue:  $h^*_{R50J}=59/360$ ;  $h^*_{G75B_{gb}}=244/360$

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

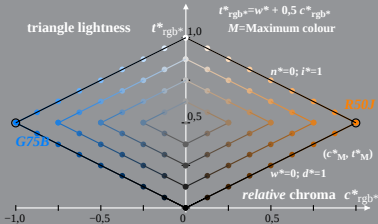
$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

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

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

$M$ =Maximum colour



HE831-5A, 5; cf1=0.90; nt=0.18; nx=1.0

Linear relation  $rgb^*$  and relative chroma  $c_{rgb}^*$  and triangle lightness  $t_{rgb}^*$   
 System: HE83\_HRS16\_96\_D65\_50%\_O1  
 Hue:  $h_{R50J}^* = 59/360$ ;  $h_{G75B_{gb}}^* = 244/360$   
 Result:  $c_{rgb}^* = c_{lab}^*$ ;  $t_{rgb}^* = t_{lab}^*$

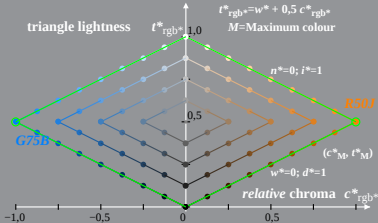
$$c_{rgb}^* = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_75%\_O0  
 Hue:  $h^*_{R75J}=75/360$ ;  $h^*_{G88B_{gb}}=258/360$   
 Result:  $c^*_{rgb^*}=c^*_{lab^*}$ ;  $t^*_{rgb^*}=t^*_{lab^*}$

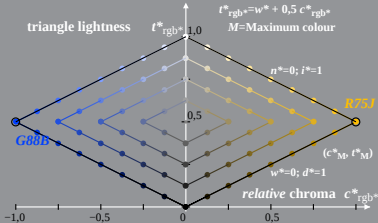
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

$M = \text{Maximum colour}$



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  and triangle lightness  $t^*_{rgb^*}$   
 System: HE83\_HRS16\_96\_D65\_75%\_O1  
 Hue:  $h^*_{R75J}=75/360$ ;  $h^*_{G88B_{gb}}=258/360$   
 Result:  $c^*_{rgb^*}=c^*_{lab^*}$ ;  $t^*_{rgb^*}=t^*_{lab^*}$

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

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

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

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

$M = \text{Maximum colour}$

