

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HE93\_HRS16\_96\_D65\_00%\_O0

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

$h_{ab,d}=[34, 99, 152, 232, 299, 349]$

$h_{ab,ex}=[26, 92, 162, 217, 272, 329]$  **Y00L**

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$  **Y00G J00G**

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

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

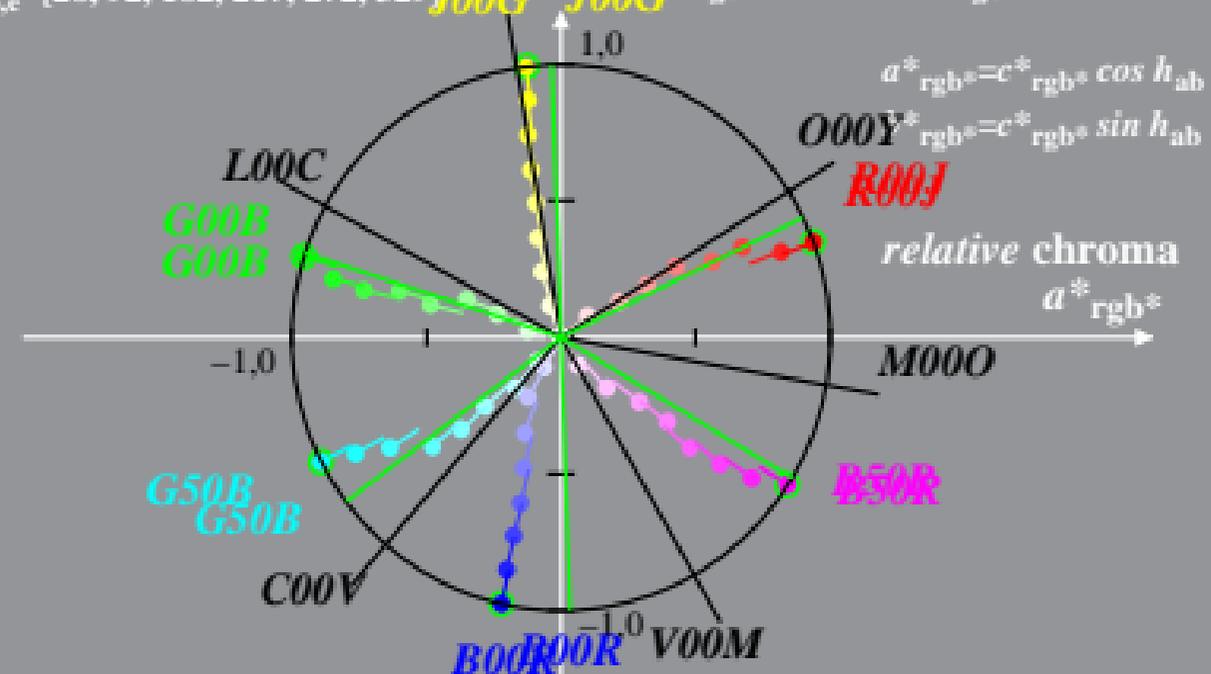
$$w^* = \min(rgb^*) = 1 - d^*$$

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

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

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

relative chroma  
 $a^*_{rgb^*}$



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HE93\_HRS16\_96\_D65\_00%\_O1

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

$h_{ab,d}=[34, 99, 152, 232, 299, 349]$

$h_{ab,ex}=[26, 92, 162, 217, 272, 329]$  **Y00L**

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$  **J00G J00G**

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

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

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

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

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

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

relative chroma  
 $a^*_{rgb^*}$

