

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HE98\_FRS09\_92\_D65\_00%\_O0

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

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

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

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

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

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

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

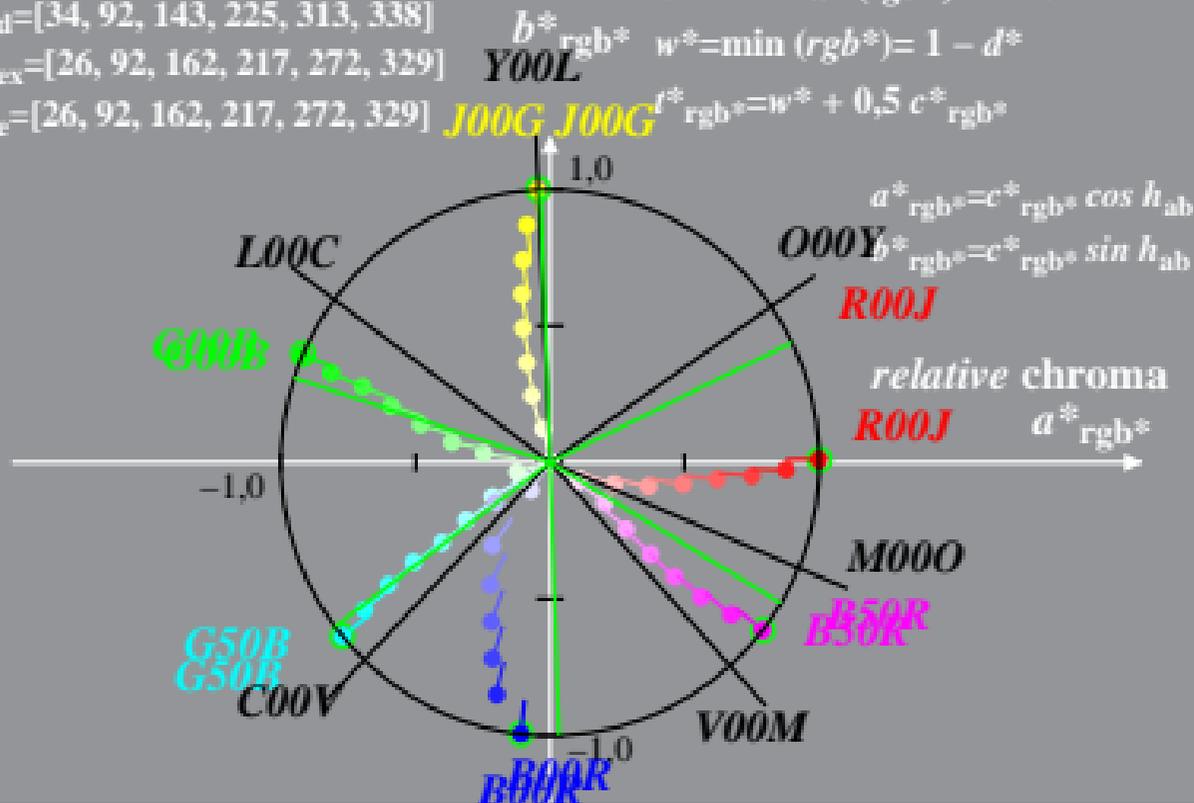
$t^*_{rgb^*}=w^*+0,5 c^*_{rgb^*}$

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

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

relative chroma

$a^*_{rgb^*}$



HE981-8A, 1; cf1=0.90; nt=0.18; nx=1.0

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HE98\_FRS09\_92\_D65\_00%\_O1

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

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

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

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

$b^*_{rgb^*}$   
**Y00L**

**J00G J00G**

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

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

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

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

