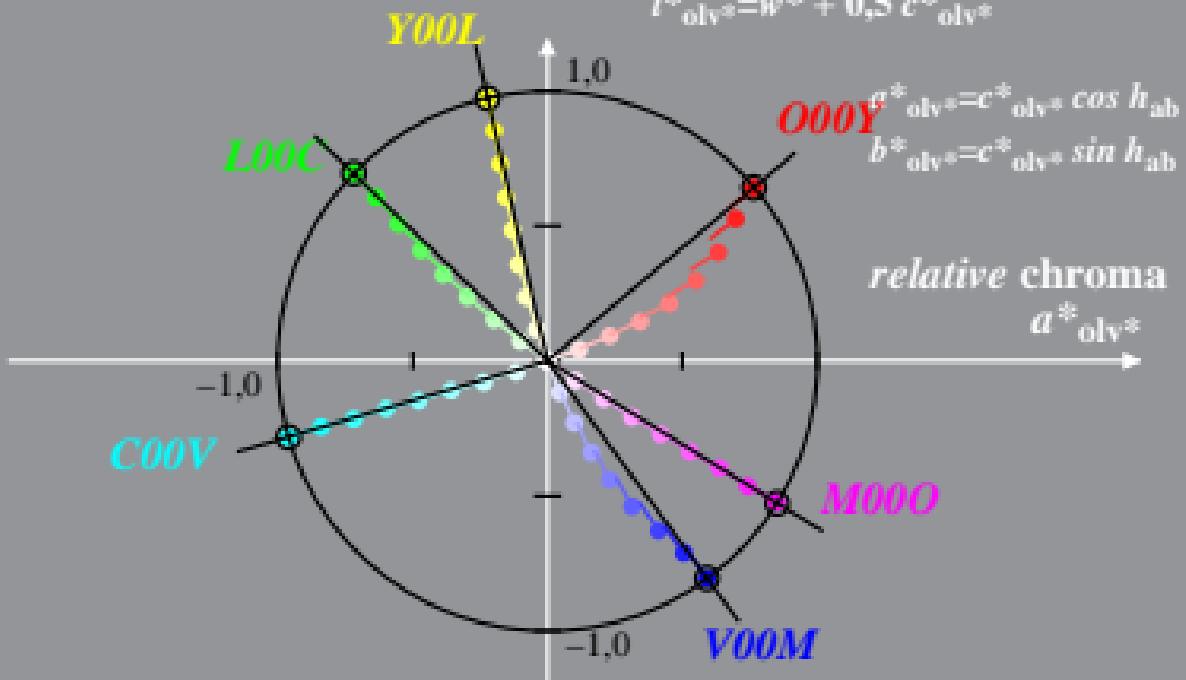


Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$   
 System: JE29\_sRGB display 0%\_G0       $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$   
 Result:  $b^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$ ;  $t^*_{olv^*} = t^*_{lab^*}$        $n^* = 1 - \max(olv^*) = 1 - i^*$

$$b^*_{olv^*} \quad w^* = \min(olv^*) = 1 - d^*$$

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

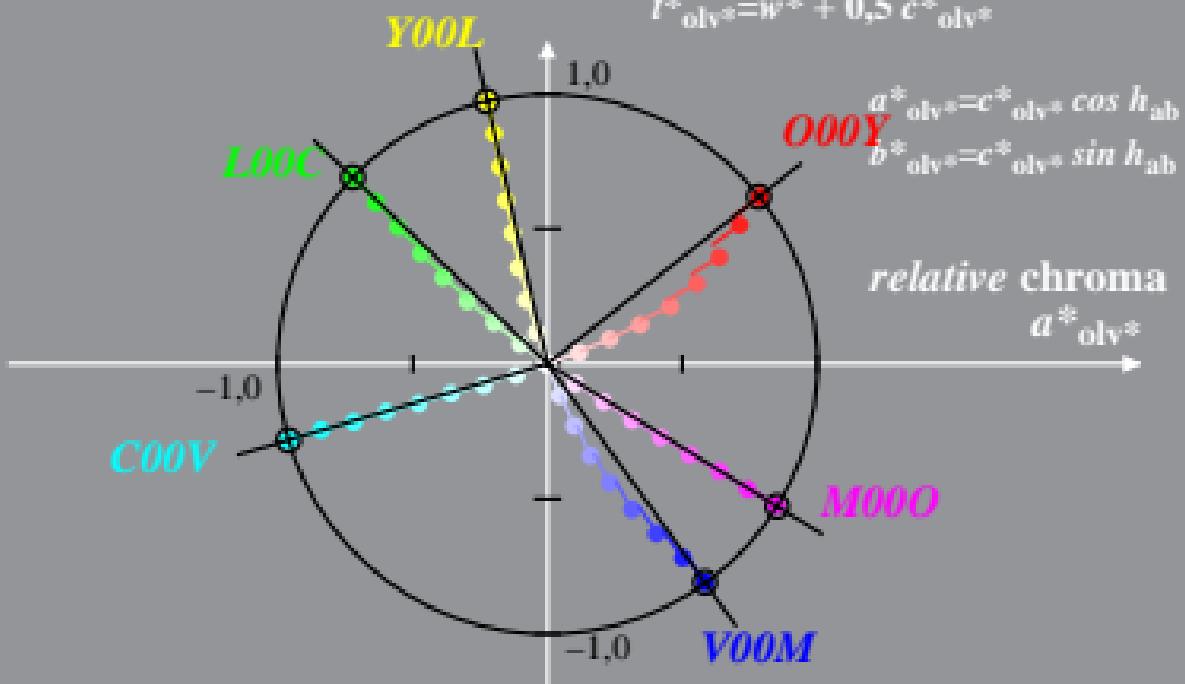


Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$   
 System: JE29\_sRGB display 0,6%\_G0       $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$   
 Result:  $b^*_{olv^*} = w^* = \max(olv^*) = 1 - i^*$        $n^* = 1 - \max(olv^*) = 1 - i^*$

$$b^*_{olv^*} = w^* = \min(olv^*) = 1 - d^*$$

$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

$$\begin{aligned} O00Y \\ a^*_{olv^*} &= c^*_{olv^*} \cos h_{ab} \\ b^*_{olv^*} &= c^*_{olv^*} \sin h_{ab} \end{aligned}$$



Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$

System: JE29\_sRGB display 1,3%\_G0

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

Result:  $b^*_{olv^*}=w^*$ ;  $t^*_{olv^*}=t^*_{lab^*}$

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

$$b^*_{olv^*} = w^* = \min(olv^*) = 1 - d^*$$

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

*Y00L*

1,0

*L00C*

*O00Y*

$$a^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$$
$$b^*_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

*C00V*

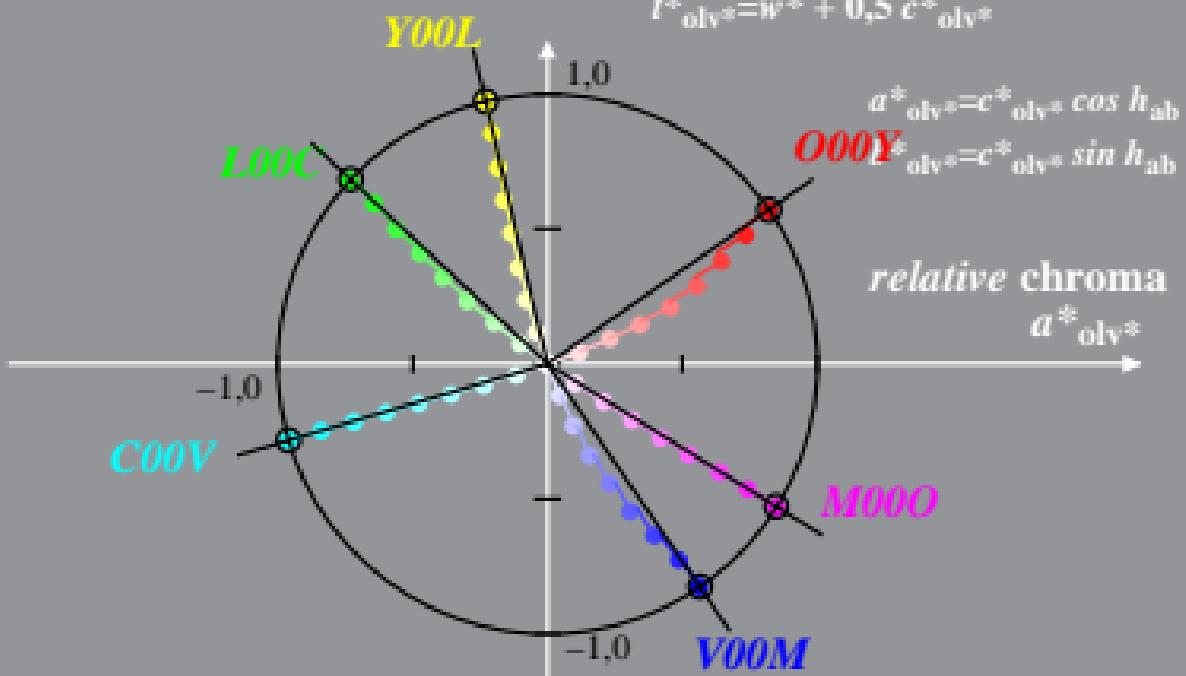
relative chroma

$a^*_{olv^*}$

*M00O*

*V00M*

Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$   
 System: JE29\_sRGB display 2,5%\_G0       $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$   
 Result:  $b^*_{olv^*} = w^* = \max(olv^*) = 1 - i^*$        $n^* = 1 - \max(olv^*) = 1 - i^*$   
 ~~$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$~~        $w^* = \min(olv^*) = 1 - d^*$



Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$   
 System: JE29\_sRGB display 5%\_G0       $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$   
 Result:  $b^*_{olv^*} = w^* = \max(olv^*)$ ;  $t^*_{olv^*} = t^*_{lab^*}$        $w^* = 1 - \max(olv^*) = 1 - i^*$

$$b^*_{olv^*} = w^* = \min(olv^*) = 1 - d^*$$

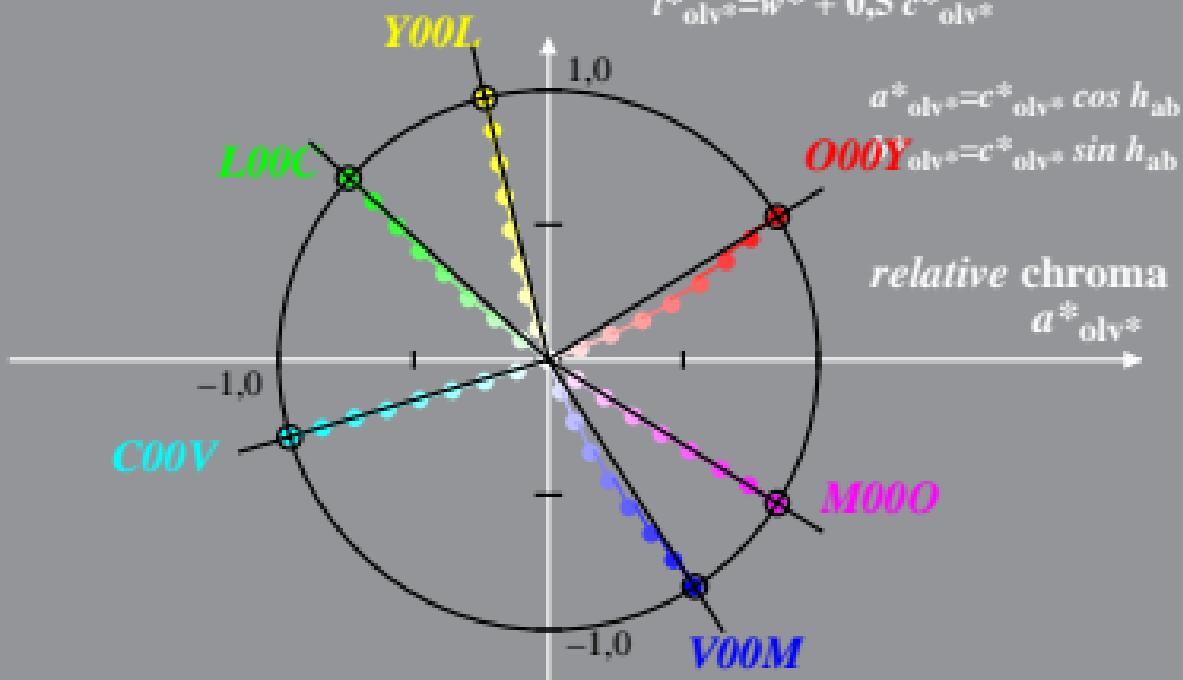
$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

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

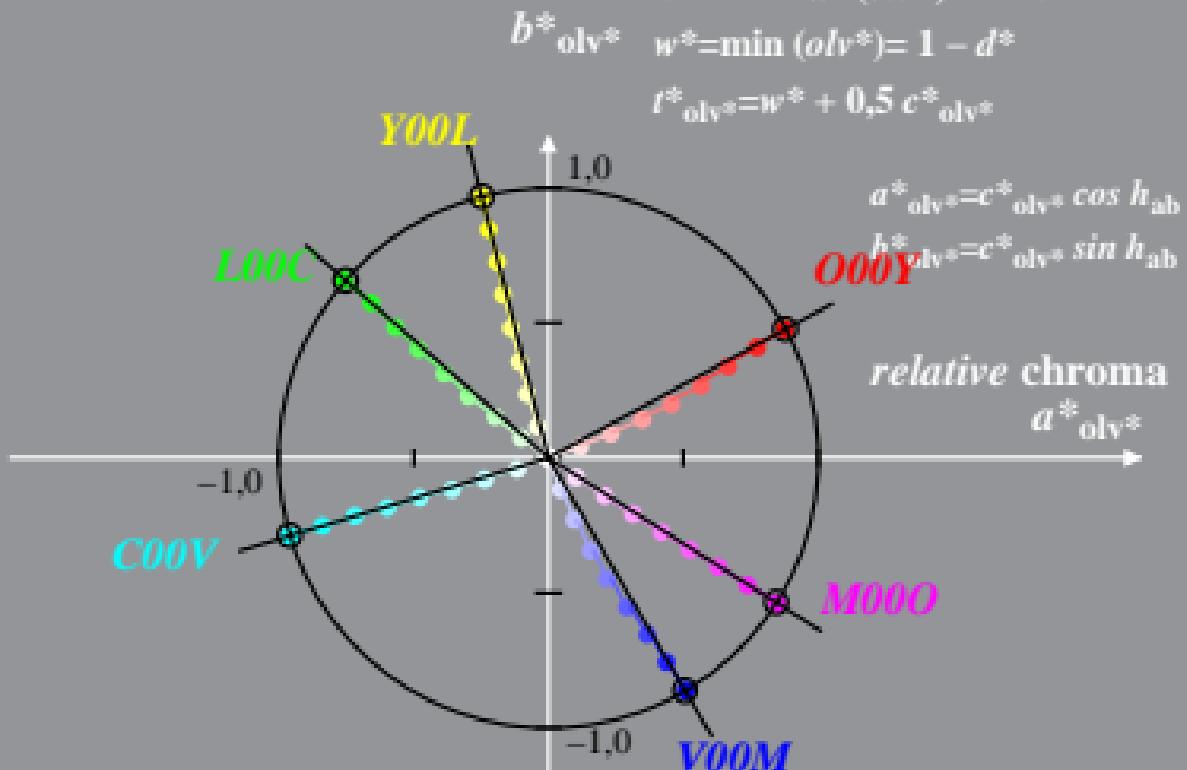
$$000Y_{olv^*} = c^*_{olv^*} \sin h_{ab}$$

relative chroma

$$a^*_{olv^*}$$



Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$   
 System: JE29\_sRGB display 10%\_G0       $c^*_{olv^*} = \max(olv^*) - \min(olv^*)$   
 Result:  $b^*_{olv^*} = w^* = \max(olv^*) = 1 - i^*$        $n^* = 1 - \max(olv^*) = 1 - i^*$   
 ~~$t^*_{olv^*} = t^*_{lab^*}$~~        $w^* = \min(olv^*) = 1 - d^*$   
 ~~$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$~~



Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$

System: JE29\_sRGB display 20%\_G0

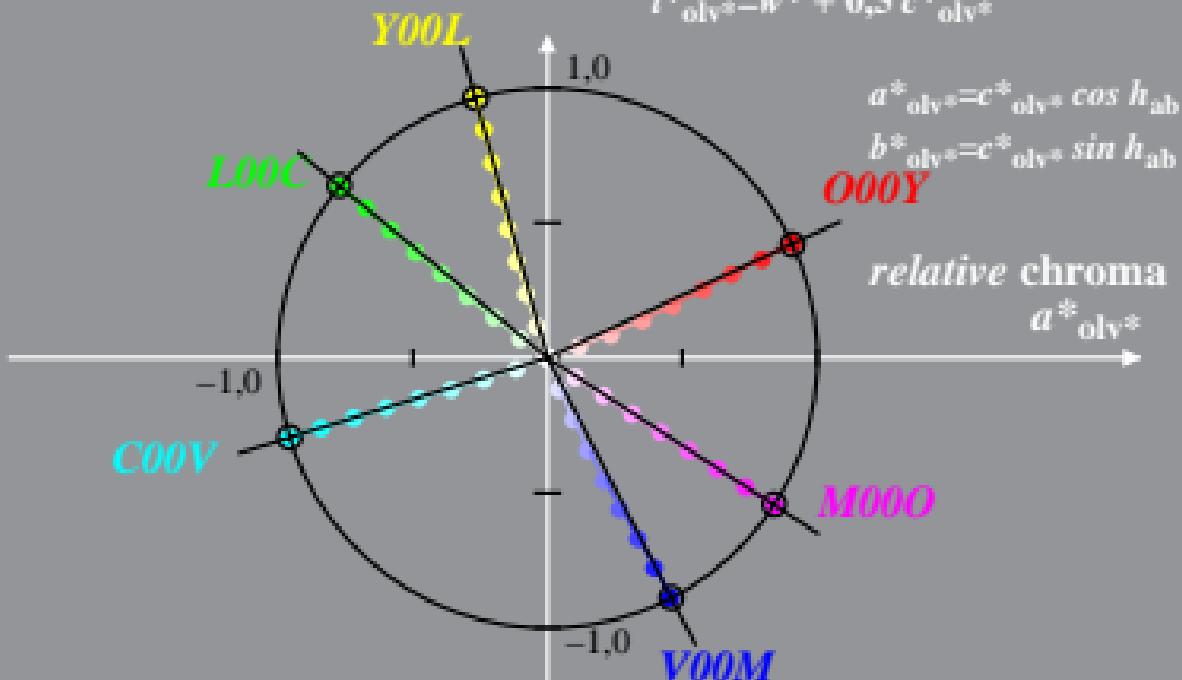
$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Result:  $b^*_{olv^*}=w^*$ ;  $t^*_{olv^*}=t^*_{lab^*}$

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

$$b^*_{olv^*} = w^* = \min(olv^*) = 1 - d^*$$

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



Linear relation  $olv^*$  and relative chroma  $c^*_{olv^*}$  or chroma  $a^*_{olv^*}, b^*_{olv^*}$

System: JE29\_sRGB display 40%\_G0

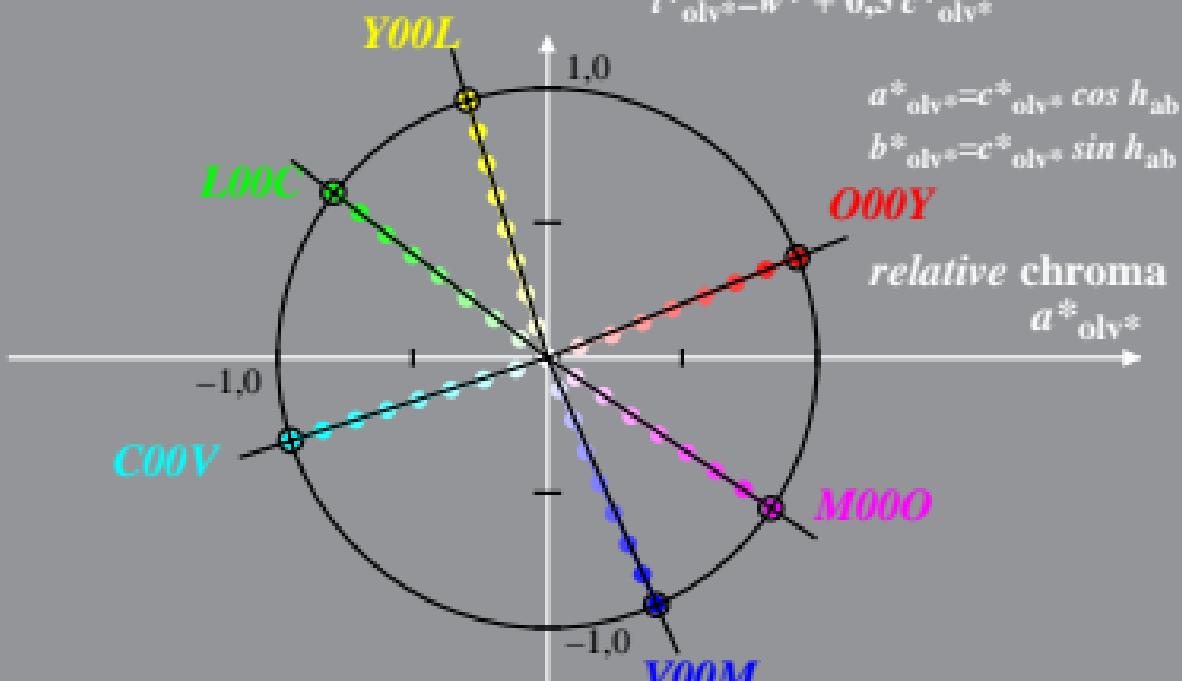
$$c^*_{olv^*} = \max(olv^*) - \min(olv^*)$$

Result:  $b^*_{olv^*}=w^*$ ;  $t^*_{olv^*}=t^*_{lab^*}$

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

$$b^*_{olv^*} = w^* = \min(olv^*) = 1 - d^*$$

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



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

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

O00Y

relative chroma

$$a^*_{olv^*}$$