

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

LE46\_LCD projector\_1 0%\_Fadin

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

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

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

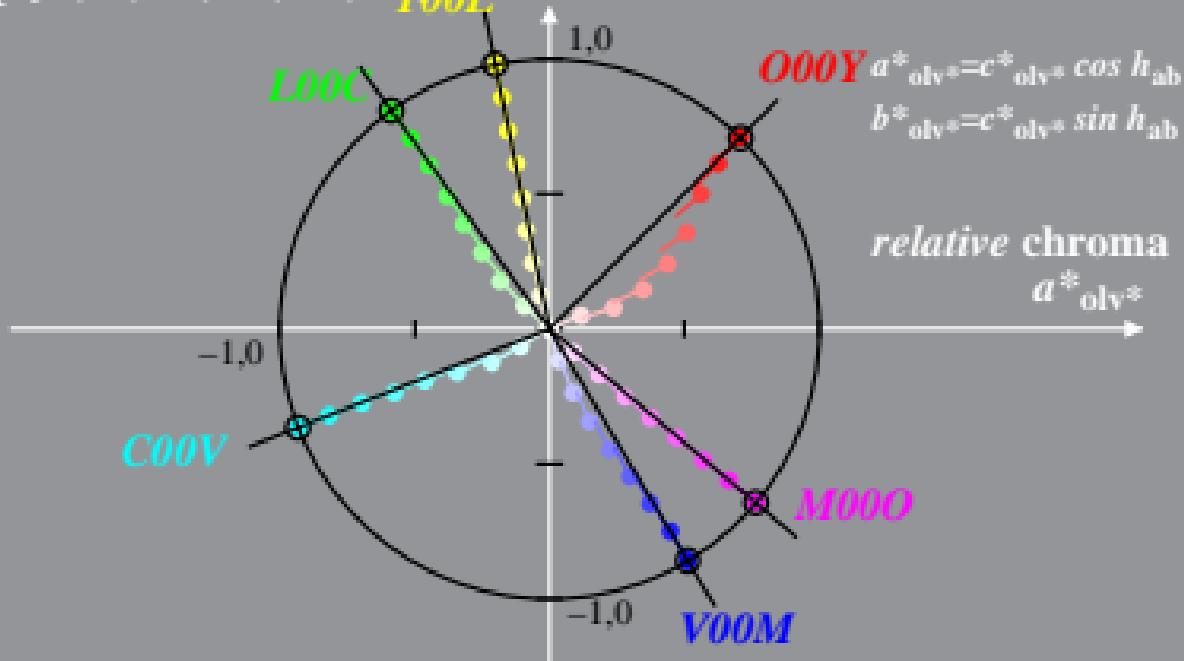
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

**Y00L**

**O00Y**

relative chroma

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



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 0%\_Faeit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

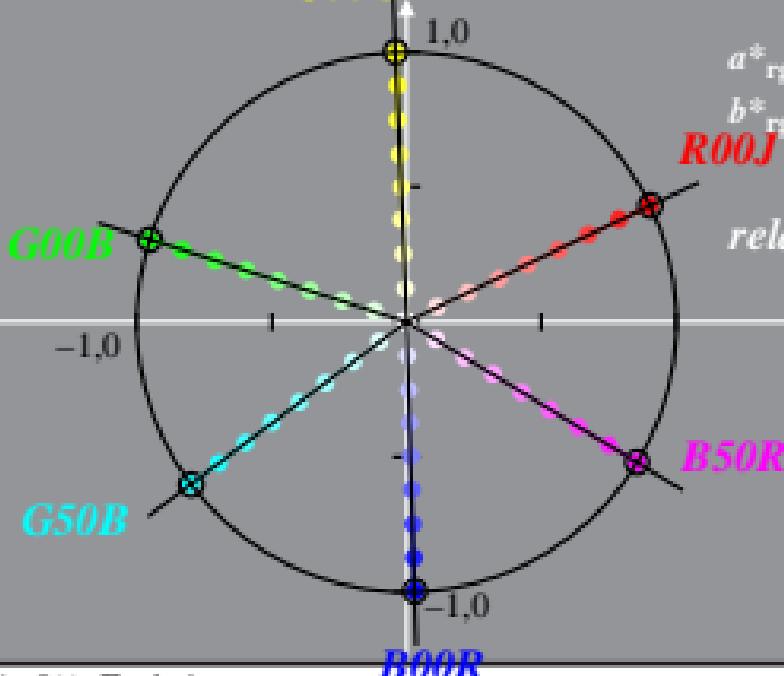
$$a^*_{rgb^*} = c^*_{rgb^*} \cos h_{ab}$$

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

R00J

relative chroma

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



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

LE46\_LCD projector\_1 0,6%\_Fadin

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

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

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

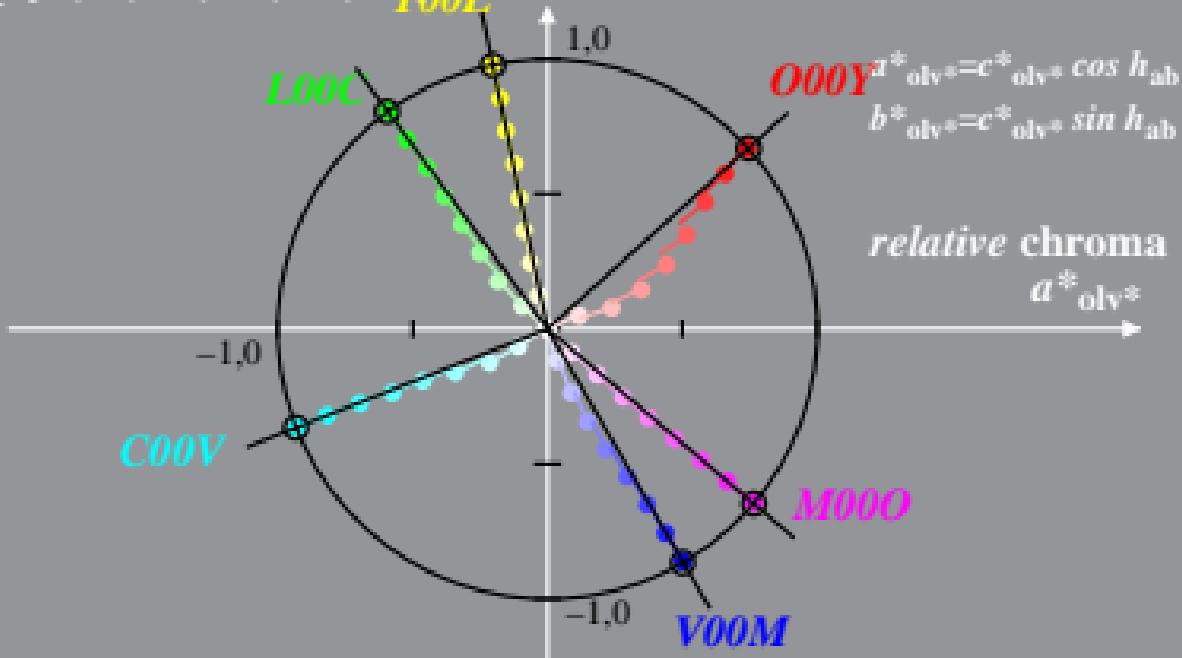
$$l^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

Y00L



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 0,6%\_Facit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

**J00G**

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

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

**R00J**

relative chroma

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

**G00B**

-1,0

1

**B50R**

**G50B**

**B00R**

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

LE46\_LCD projector\_1 1,2%\_Fadin

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

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

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

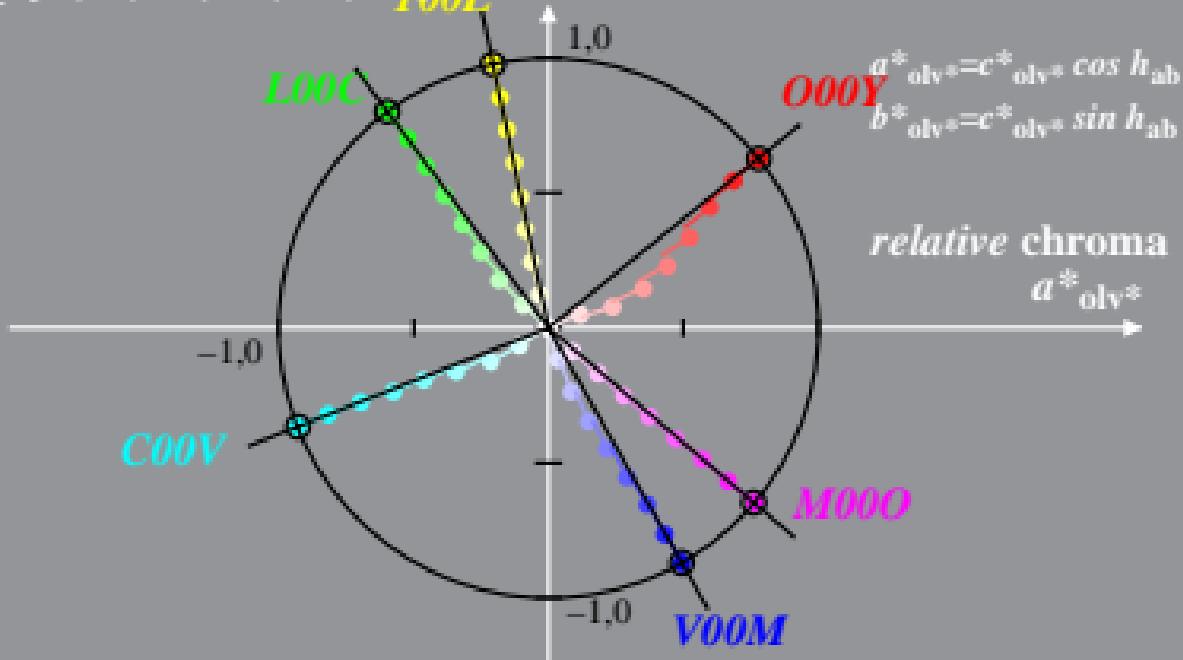
$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

*Y00L*



relative chroma

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

$$b^*_{olv^*}$$

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 1,2%\_Facit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

**J00G**

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

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

**R00J**

relative chroma

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

**G00B**

-1,0

1

**B50R**

**G50B**

**B00R**

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

LE46\_LCD projector\_1 2,5%\_Fadin

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

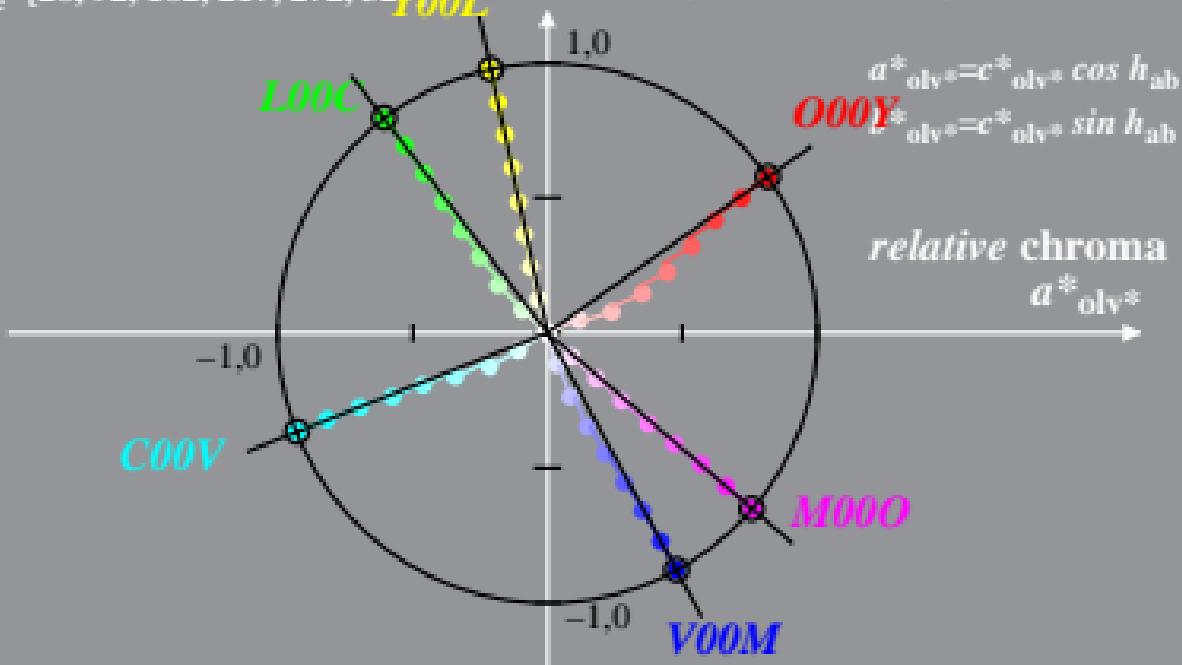
$$b^*_{olv^*}$$

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

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

$$Y00L$$

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



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 2,5%\_Facit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

**J00G**

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

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

**R00J**

relative chroma

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

**G00B**

-1,0

1

**B50R**

**G50B**

**B00R**

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

LE46\_LCD projector\_1 5%\_Fadin

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

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

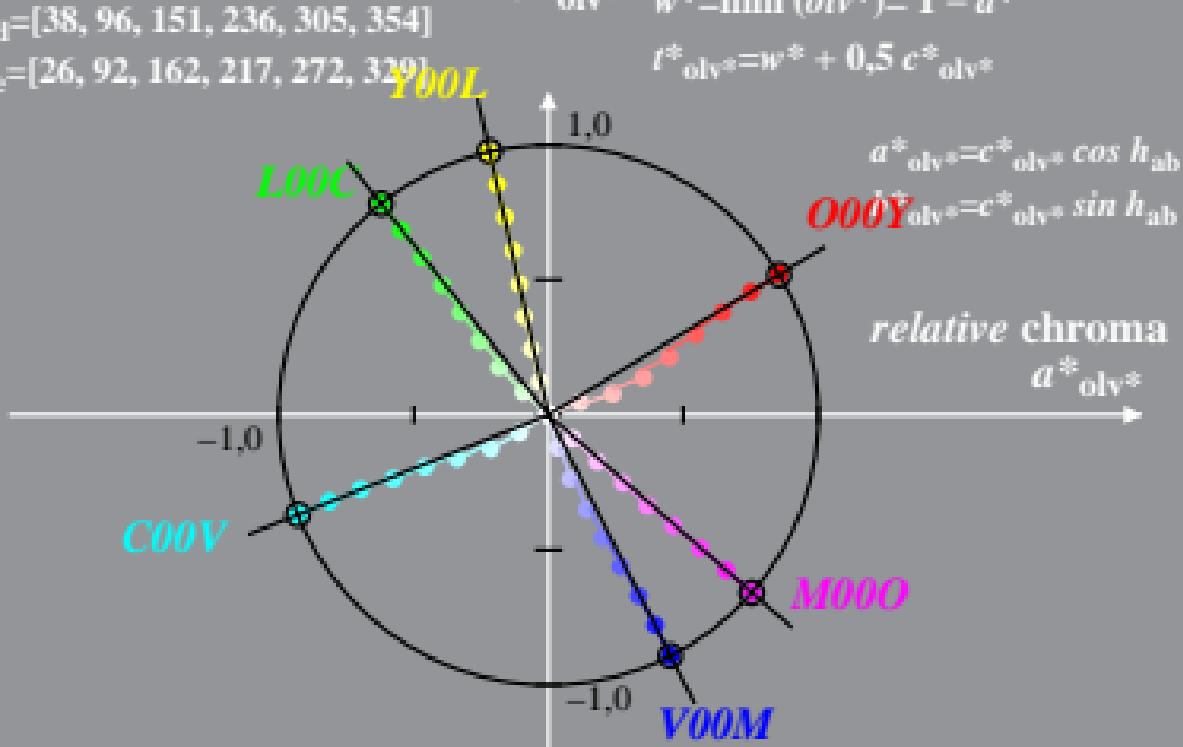
$$t^*_{olv^*} = w^* + 0,5 c^*_{olv^*}$$

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

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

relative chroma

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



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 5%\_Faeit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

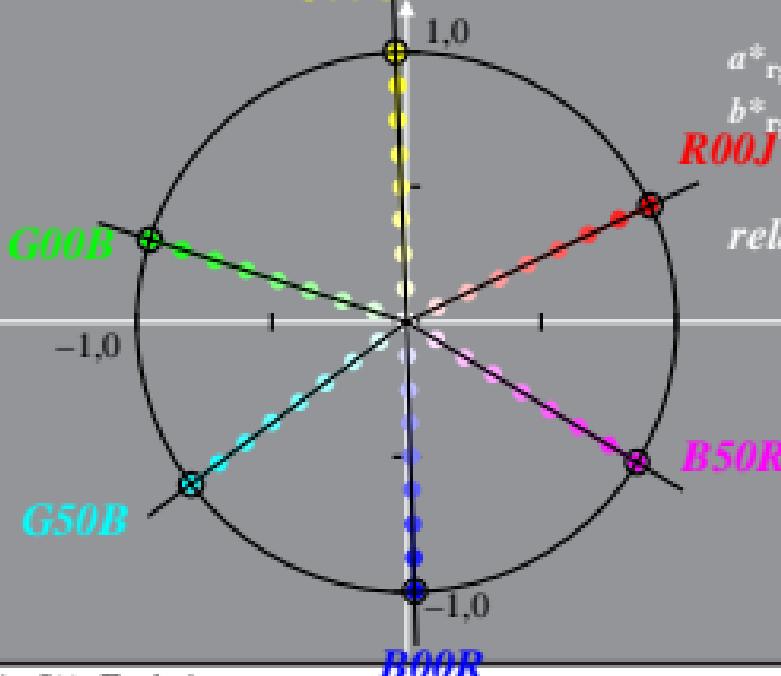
$$a^*_{rgb^*} = c^*_{rgb^*} \cos h_{ab}$$

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

R00J

relative chroma

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



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

LE46\_LCD projector\_1 10%\_Fadin

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

$$b^*_{olv^*}$$

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

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

**Y00L**

**L00C**

**O00Y**

**C00V**

relative chroma

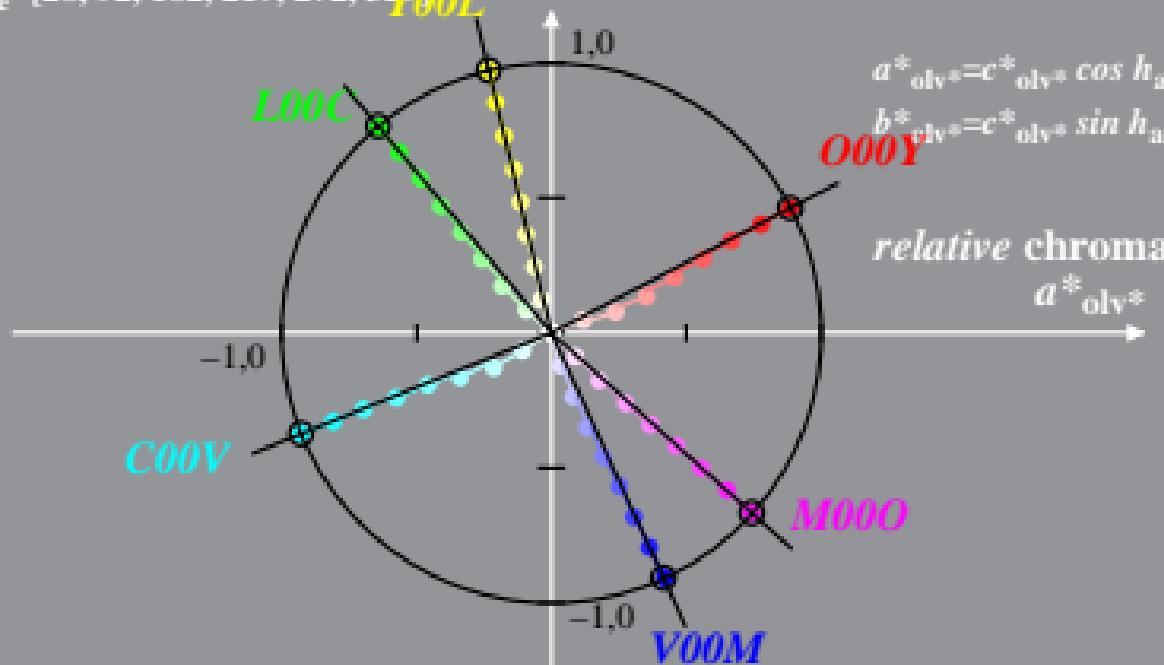
$$a^*_{olv^*}$$

**M000**

**V00M**

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

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



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 10%\_Facit

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

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

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

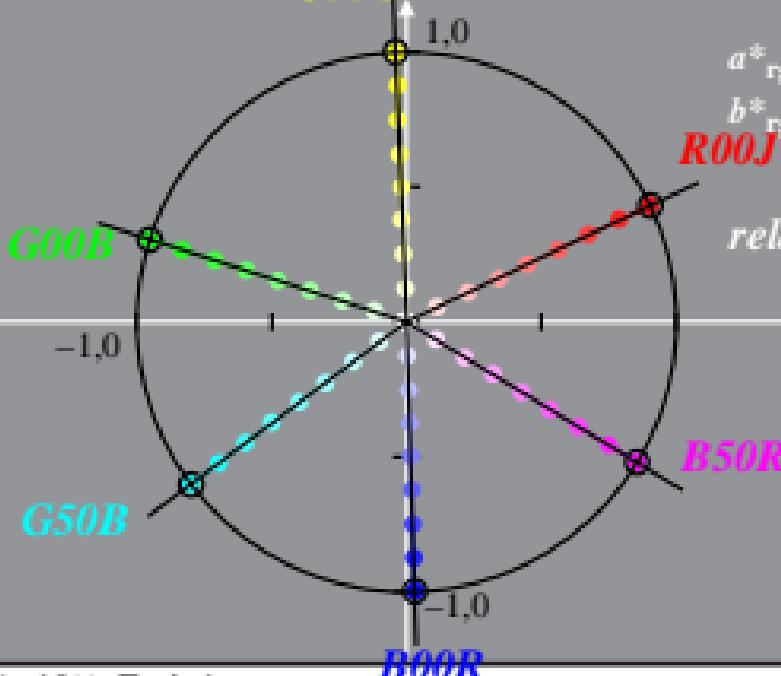
$$a^*_{rgb^*} = c^*_{rgb^*} \cos h_{ab}$$

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

R00J

relative chroma

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



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

LE46\_LCD projector\_1 20%\_Fadin

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

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

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

*Y00L*

*L00C*

*O00Y*

relative chroma

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

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

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

*C00V*

*M00O*

*V00M*

Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 20%\_Facit

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

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

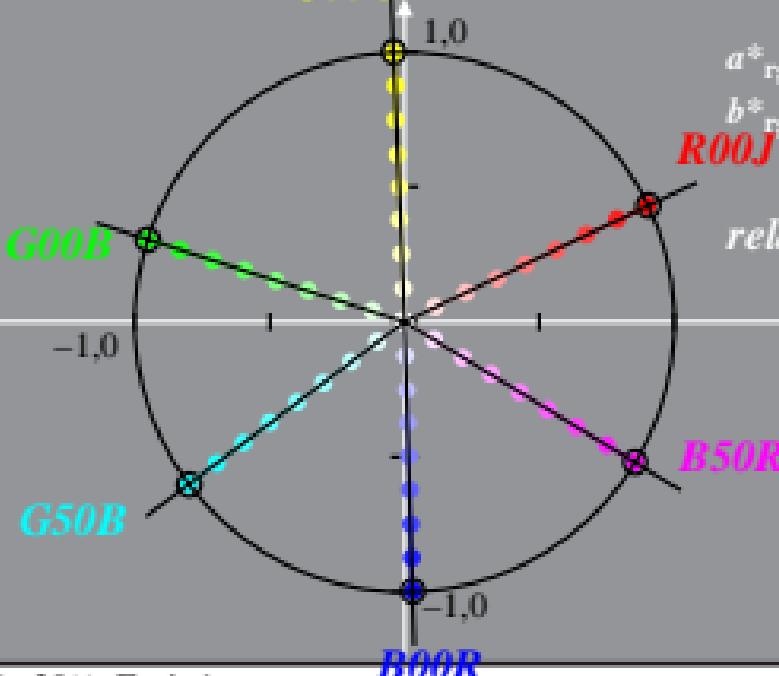
$$a^*_{rgb^*} = c^*_{rgb^*} \cos h_{ab}$$

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

R00J

relative chroma

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



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

LE46\_LCD projector\_1 40%\_Fadin

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

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

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

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

CIELAB hue angles:

$$h_{ab,d} = [38, 96, 151, 236, 305, 354]$$

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

*Y00L*

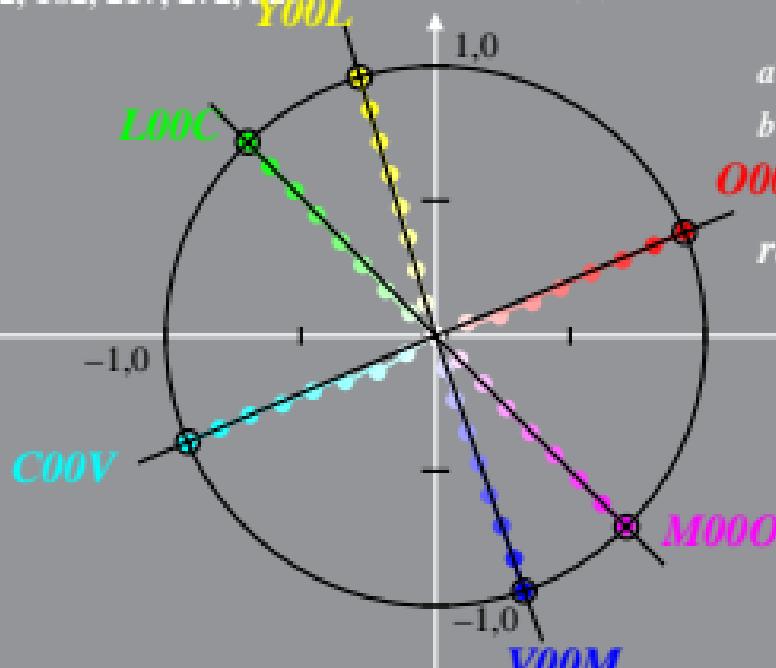
$$a^*_{olv^*} = c^*_{olv^*} \cos h_{ab}$$

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

*O00Y*

relative chroma

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



Linear relation  $rgb^*$  and relative chroma  $c^*_{rgb^*}$  or chroma  $a^*_{rgb^*}, b^*_{rgb^*}$   
LE46\_LCD projector\_1 40%\_Facit

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

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

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

R00J

relative chroma

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

