

Beziehung  $olv^*$  und relative Buntheit  $c^*_{olv^*}$  oder Buntheit  $a^*_{olv^*}, b^*_{olv^*}$

System: LG16\_sRGB display 0%\_Fadin

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

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

CIELAB-Buntnonwinkel:

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

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

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

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

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

$Y00L$

$000Y$

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

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

relative Buntheit

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

-1,0

$C00V$

-1,0

$V00M$

1,0

1,0

Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: LG16\_sRGB display 0%\_Faeit

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

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

CIELAB-Buntonwinkel:

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

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

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

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

**J00G**

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

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

**R00J**

relative Buntheit

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

