

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

System: S\_ORS18\_Z48N\_N5\_VT100

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

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

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

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

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

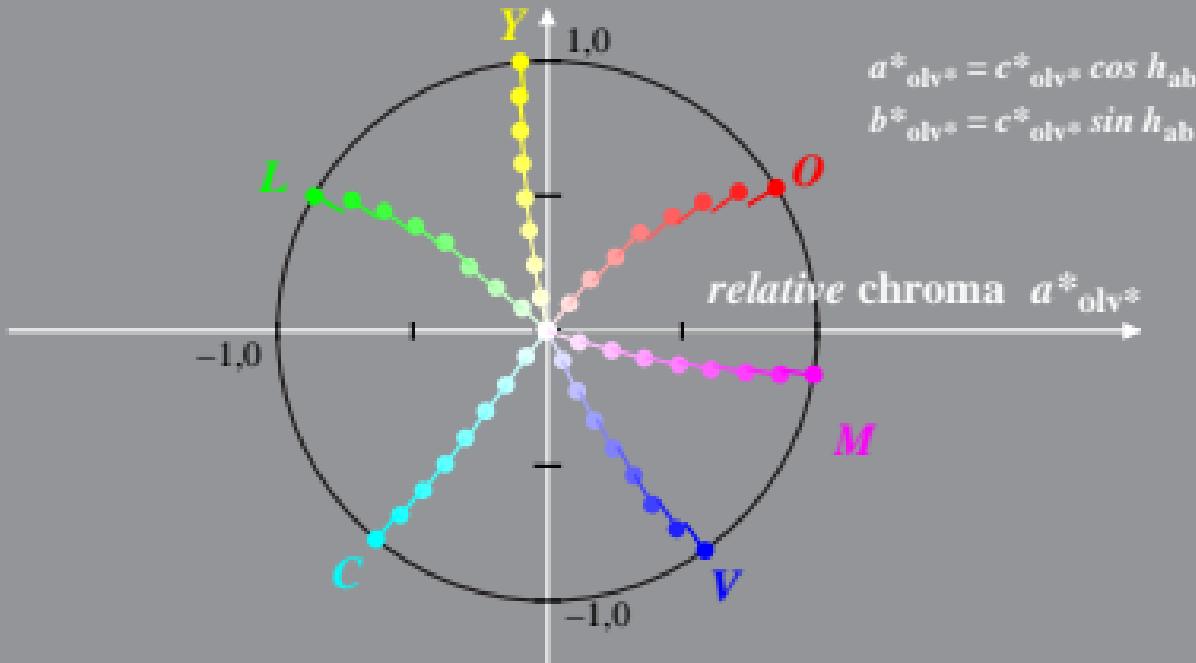
$$h_{ab,d} = [32, 95, 149, 230, 305, 350]$$

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

$$t^*_{olv^*}$$

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

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



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

System: S\_ORS30\_Z48F\_N5\_VT100

Result:  $c^*_{olv^*} = c^*_{lab^*}; l^*_{olv^*} = l^*_{lab^*}$

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

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

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

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

$$h_{ab,d} = [35, 94, 147, 233, 300, 348]$$

$$Y$$

$$1,0$$

*L*

$$-1,0$$

*C*

$$-1,0$$

*V*

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

$$l^*_{olv^*}$$

*O*

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

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

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

*M*