

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

System: ORS18aS.DAT

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

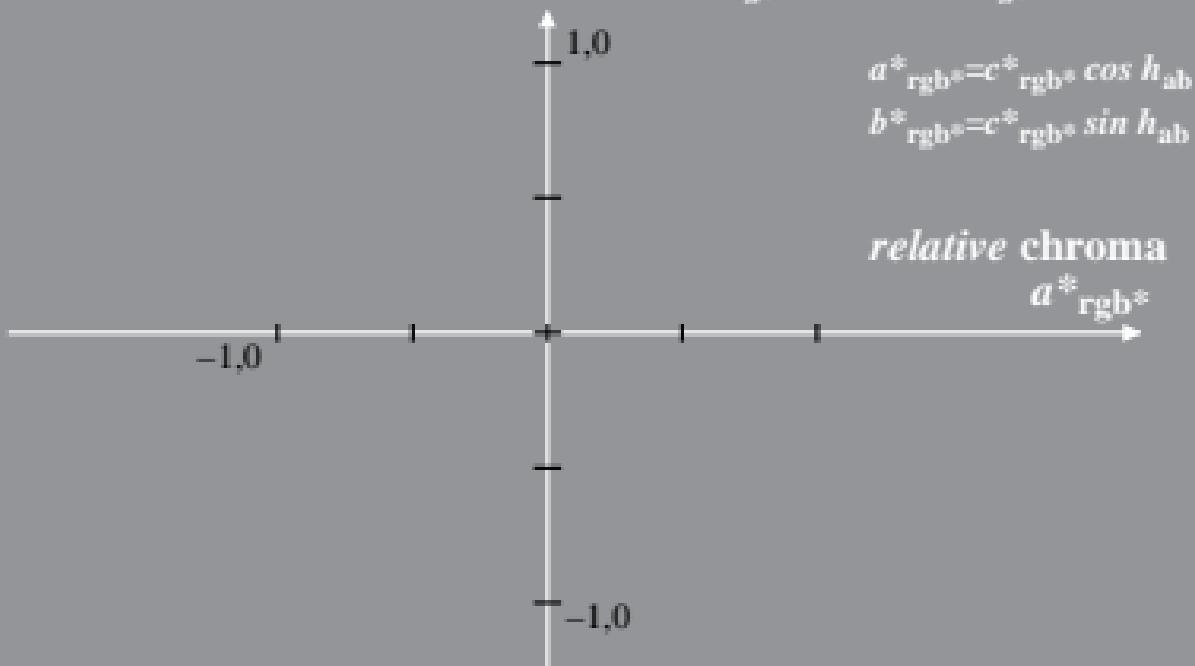
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

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

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



relative chroma

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

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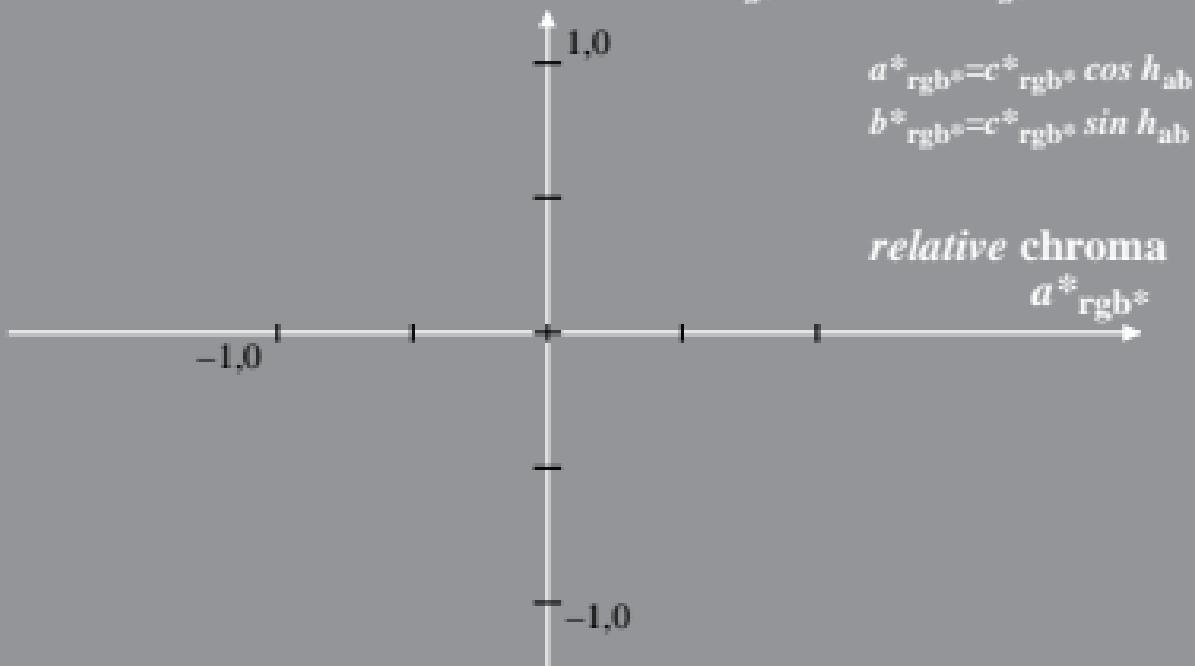
Result: $b^*_{rgb^*} = a^*_{rgb^*} = t^*$

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

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

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

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



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

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