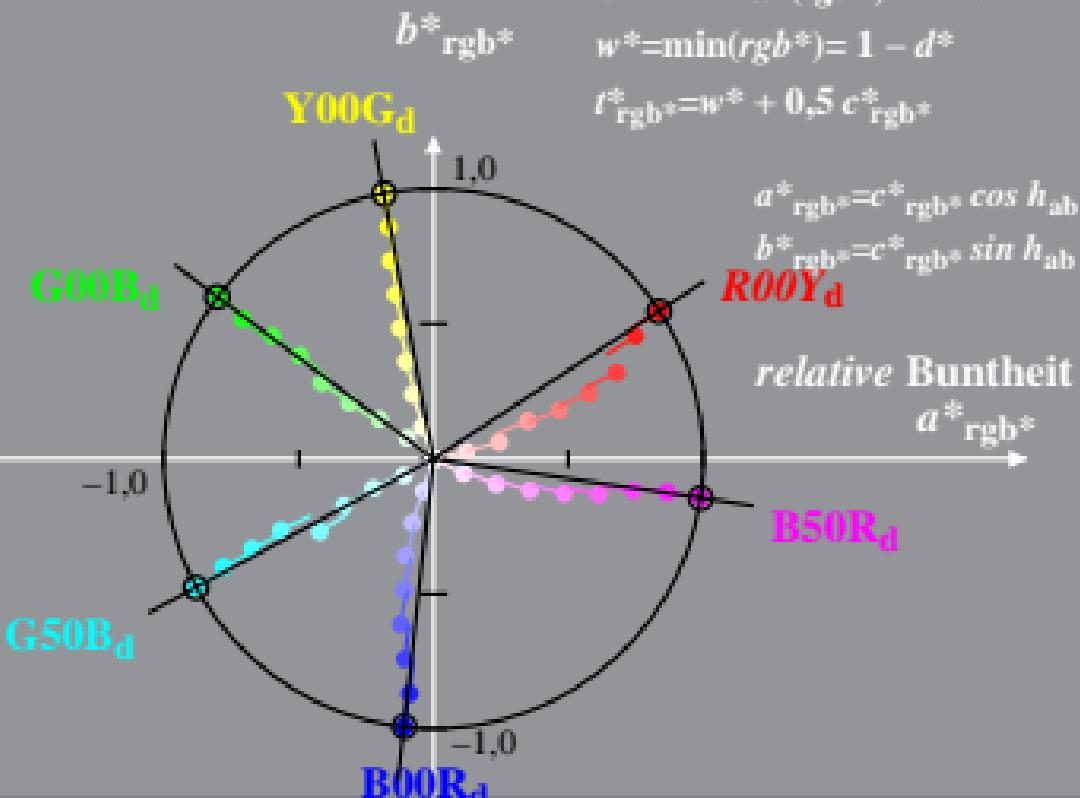


Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}, b^*_{rgb^*}$
 System: SG41_HRS16_96_D65_00%_G0 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$
 Ergebnis-Buntheit $t^*_{rgb^*} = t^*$ $n^* = 1 - \max(rgb^*) = 1 - i^*$
 $w^* = \min(rgb^*) = 1 - d^*$
 $t^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$



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

System: SG41_HRS16_96_D65_00%_GI

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

Ergbnis: $Buntheit c^*_{rgb^*} = i^*$

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

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

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

$$Y00G_d$$

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

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

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

$$G00B_d$$

$$R00Y_d$$

relative Buntheit

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

$$G50B_d$$

$$B50R_d$$

$$B00R_d$$