

Beziehung  $rgb^*$  und *relative* Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}$ ,  $b^*_{rgb^*}$   
 System: HG88\_FRS09\_92\_D65\_00%\_O0

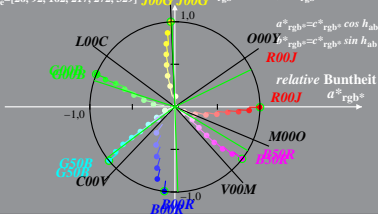
Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}$ ;  $i^*_{rgb^*} = i^*_{lab^*}$   
 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$   
 $n^* = 1 - \max(rgb^*) = 1 - i^*$

$h_{ab,d} = [34, 92, 143, 225, 313, 338]$   
 $h_{ab,ex} = [26, 92, 162, 217, 272, 329]$   
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$

$b^*_{rgb^*}$   
 Y00L

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

J00G J00G  $i^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$





Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG88\_FRS09\_92\_D65\_25%\_O0

Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}; i^*_{rgb^*} = i^*_{lab^*}$

$h_{ab,d} = [34, 92, 143, 225, 313, 338]$

$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$  **Y00L**

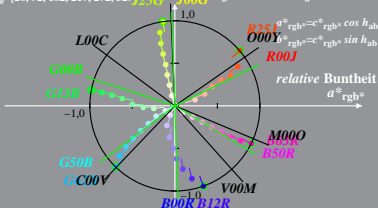
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$  **J25G J00G**

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

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

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

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



Beziehung  $rgb^*$  und *relative* Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}$ ,  $b^*_{rgb^*}$   
 System: HG88\_FRS09\_92\_D65\_25%\_OI  $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}$ ;  $i^*_{rgb^*} = i^*_{lab^*}$

$h_{ab,d} = [34, 92, 143, 225, 313, 338]$

$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$

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

$b^*_{rgb^*}$   
**Y00L**

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

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

**J25G**

**J00G**

**L00C**

**G00B**

**G13B**

**G50B**

**C00V**

**B00R B12R**

**R25J**

**O00Y**

**R00J**

*relative* Buntheit

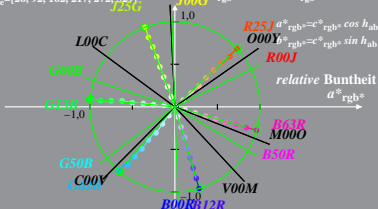
$a^*_{rgb^*}$

**B63R**

**M00O**

**B50R**

**V00M**



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG88\_FRS09\_92\_D65\_50%\_O0

Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}; i^*_{rgb^*} = i^*_{lab^*}$

$h_{ab,d} = [34, 92, 143, 225, 313, 338]$

$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

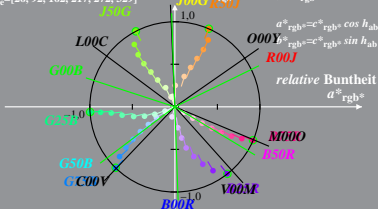
$b^*_{rgb^*}$   
**Y00L**

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

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

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

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





HG881-8A, 7: cfl=0.90; nt=0.18; nx=1.0

Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}$ ,  $b^*_{rgb^*}$   
 System: HG88\_FRS09\_92\_D65\_75%\_OI  $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$   
 Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}$ ;  $i^*_{rgb^*} = i^*_{lab^*}$   $n^* = 1 - \max(rgb^*) = 1 - i^*$

$h_{ab,d} = [34, 92, 143, 225, 313, 338]$   $b^*_{rgb^*}$   $w^* = \min(rgb^*) = 1 - d^*$   
 $h_{ab,ex} = [75, 144, 203, 258, 314, 371]$  **Y00L**  
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$   $100G^*J$   $c^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$

