

Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_00%\_00

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

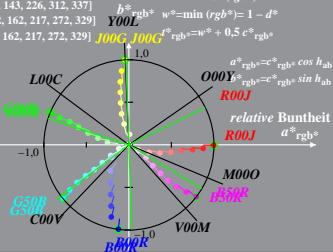
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_00%\_OI

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

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

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

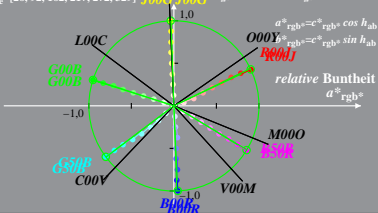
$n^* = 1 - \max(rgb^*) = 1 - i^*$

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

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

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

J00G J00G



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_25%\_00

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

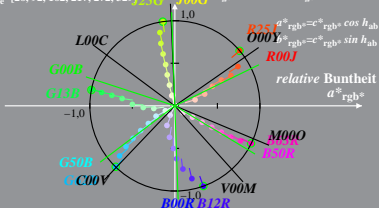
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$  **25G J00G**

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

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

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

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



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_25%\_OI  $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$   
 Ergebnis:  $c^*_{rgb^*} = c^*_{lab^*}; i^*_{rgb^*} = i^*_{lab^*}$   $n^* = 1 - \max(rgb^*) = 1 - i^*$

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

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

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

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

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

J25G

J00G

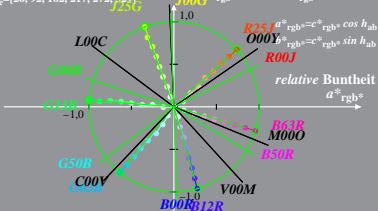
$a^*_{rgb^*} = c^*_{rgb^*} \cos h_{ab}$

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

R00J

relative Buntheit

$a^*_{rgb^*}$



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_50%\_00

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

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

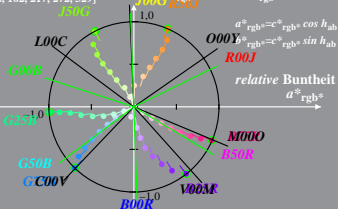
$b^*_{rgb^*}$   
**Y00L**

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

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

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

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



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_50%\_OI

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

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

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

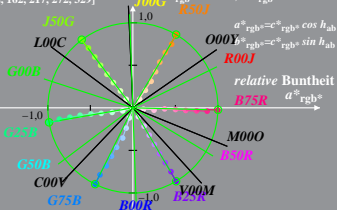
$b^*_{rgb^*}$   
**Y00L**

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

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

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

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



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_75%\_00

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$  **Y00L**

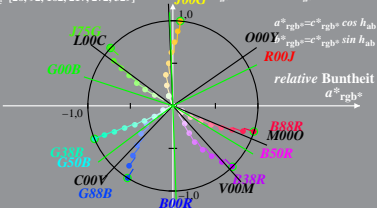
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung  $rgb^*$  und relative Buntheit  $c^*_{rgb^*}$  oder Buntheit  $a^*_{rgb^*}, b^*_{rgb^*}$   
 System: HG87\_FRS09\_92\_D65\_75%\_OI

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

$h_{ab,d} = [34, 92, 143, 226, 312, 337]$

$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$  **Y00L**

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

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

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

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

$J00G75J$   
 $J^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$

