

Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_25%_O0

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

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

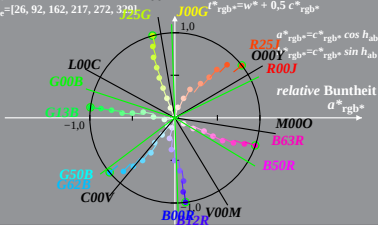
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_25%_O1 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

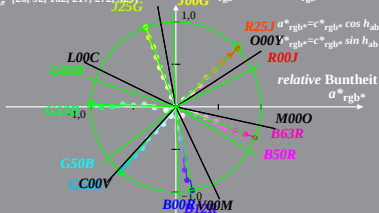
$h_{ab,ex} = [42, 109, 175, 230, 286, 343]$

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

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Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_50%_O0 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

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

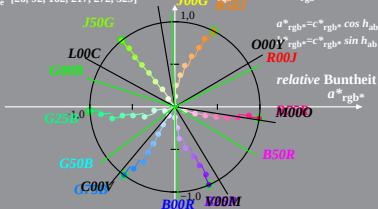
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_50%_O1 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$ **Y00L**

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

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

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

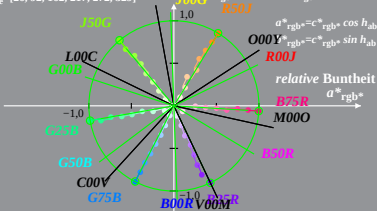
$t^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$

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

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

relative Buntheit

$a^*_{rgb^*}$



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_75%_O0 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

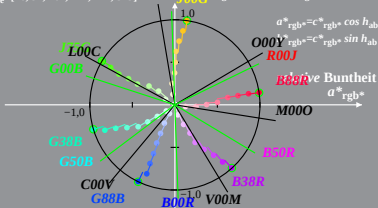
$h_{ab,ex} = [75, 144, 203, 258, 314, 371]$ **Y00L**

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

$b^*_{rgb^*}$

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG84_HRS16_96_D65_75%_O1

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

$h_{ab,d} = [33, 100, 154, 227, 295, 347]$

$h_{ab,ex} = [75, 144, 203, 258, 314, 370]$

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

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

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

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

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

