

Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG81_HRS27_96_D65_00%_O1 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

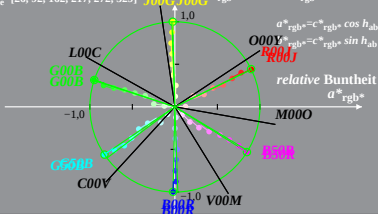
$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$ **Y00L**

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG81_HRS27_96_D65_25%_O0

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

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

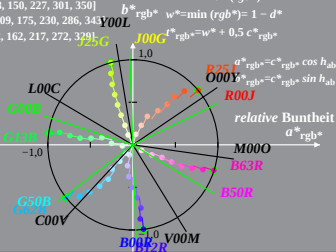
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG81_HRS27_96_D65_25%_O1

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

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

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

$b^*_{rgb^*}$

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

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

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

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

J25G

J00G

R25J

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

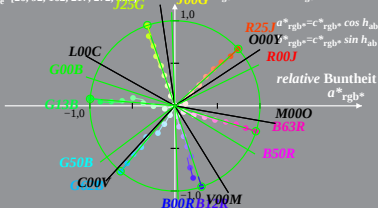
O00Y

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

R00J

relative Buntheit

$a^*_{rgb^*}$



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG81_HRS27_96_D65_50%_O0 $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

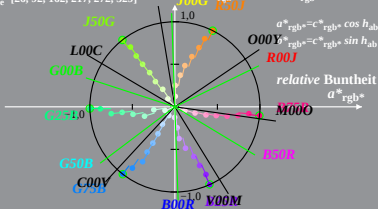
$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$

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

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Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
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Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}$; $t^*_{rgb^*} = t^*_{lab^*}$

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

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

$b^*_{rgb^*}$

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

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

J00G

R50J

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

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

O00Y

R00J

relative Buntheit

$a^*_{rgb^*}$

B75R

M00O

B50R

B25R

V00M

B00R

G75B

C00V

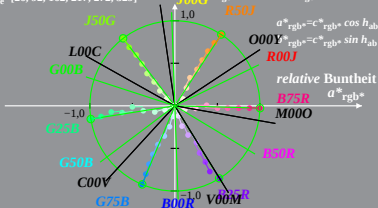
G50B

G25B

G00B

L00C

J50G



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG81_HRS27_96_D65_75%_O0

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

$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

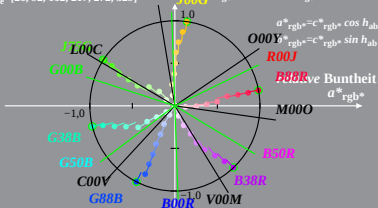
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
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$h_{ab,d} = [33, 98, 150, 227, 301, 350]$

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

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

