

Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}, b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_25%_O0

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

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

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

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

$b^*_{rgb^*}$

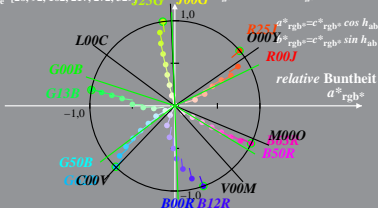
$$c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$$

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

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

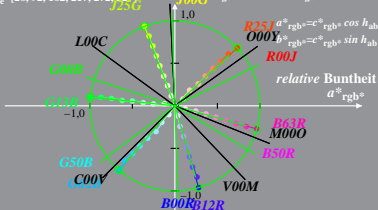
$$t^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$$

J00G



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}, b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_25%_OI $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$
 Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}; i^*_{rgb^*} = i^*_{lab^*}$ $n^* = 1 - \max(rgb^*) = 1 - i^*$

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$ $b^*_{rgb^*}$ $w^* = \min(rgb^*) = 1 - d^*$
 $h_{ab,ex} = [42, 109, 175, 230, 286, 343]$ **Y00L** $i^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$
 $h_{ab,e} = [26, 92, 162, 217, 272, 329]$ **J00G**



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}, b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_50%_O0

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

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

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

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

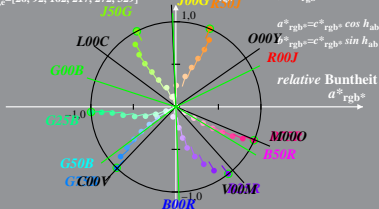
$b^*_{rgb^*}$
Y00L

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_50%_OI

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

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

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

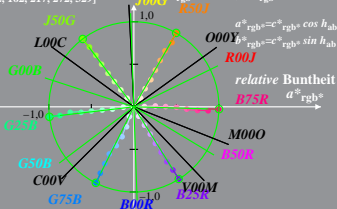
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}, b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_75%_O0

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

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

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

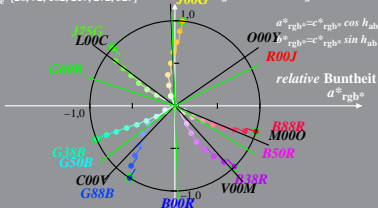
$h_{ab,e} = [26, 92, 162, 217, 272, 329]$

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

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

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

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



Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ oder Buntheit $a^*_{rgb^*}$, $b^*_{rgb^*}$
 System: HG89_FRS09_92_D65_75%_OI $c^*_{rgb^*} = \max(rgb^*) - \min(rgb^*)$

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

$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

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

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

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

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

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

$J00G5I$ $J^*_{rgb^*} = w^* + 0,5 c^*_{rgb^*}$

