

Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ und Dreiecks-Helligkeit $t^*_{rgb^*}$

System: HG80_HRS16_96_D65_00%_O0

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

Buntnull: $h^*_{G00B} = 162/360$; $h^*_{B50R} = 329/360$

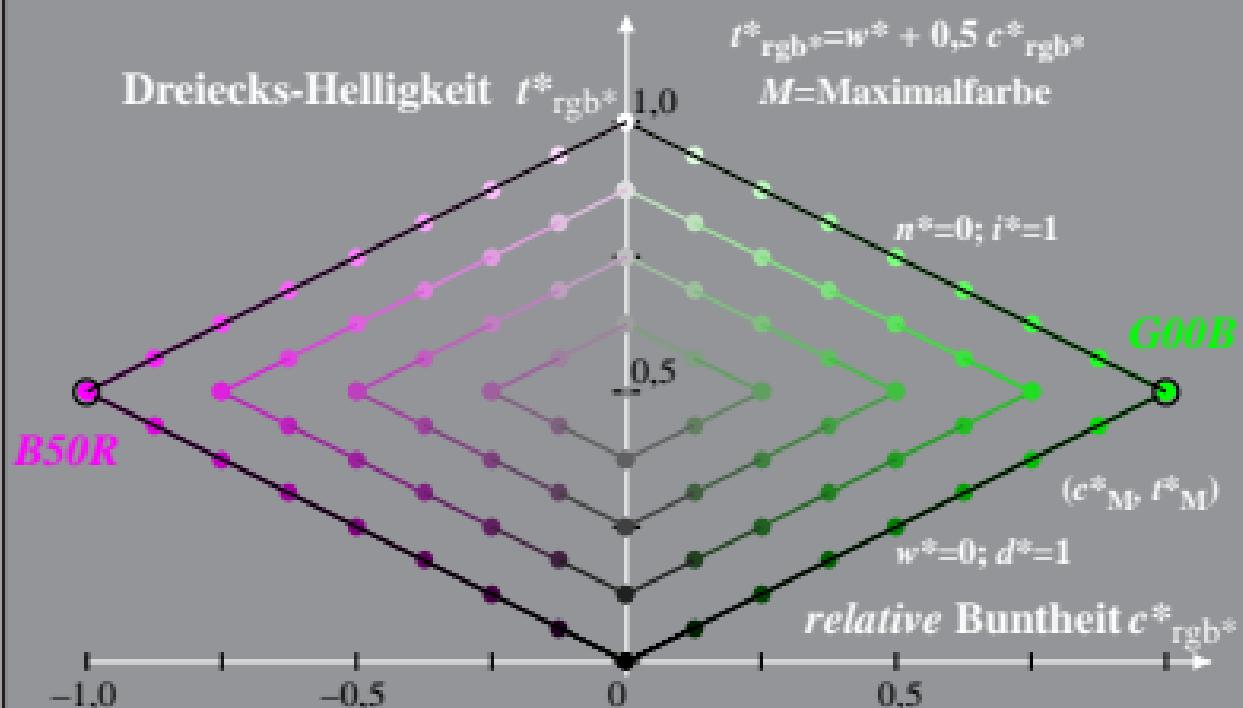
$$n^* = 1 - \max (rgb^*) = 1 - i^*$$

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

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

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

M=Maximalfarbe



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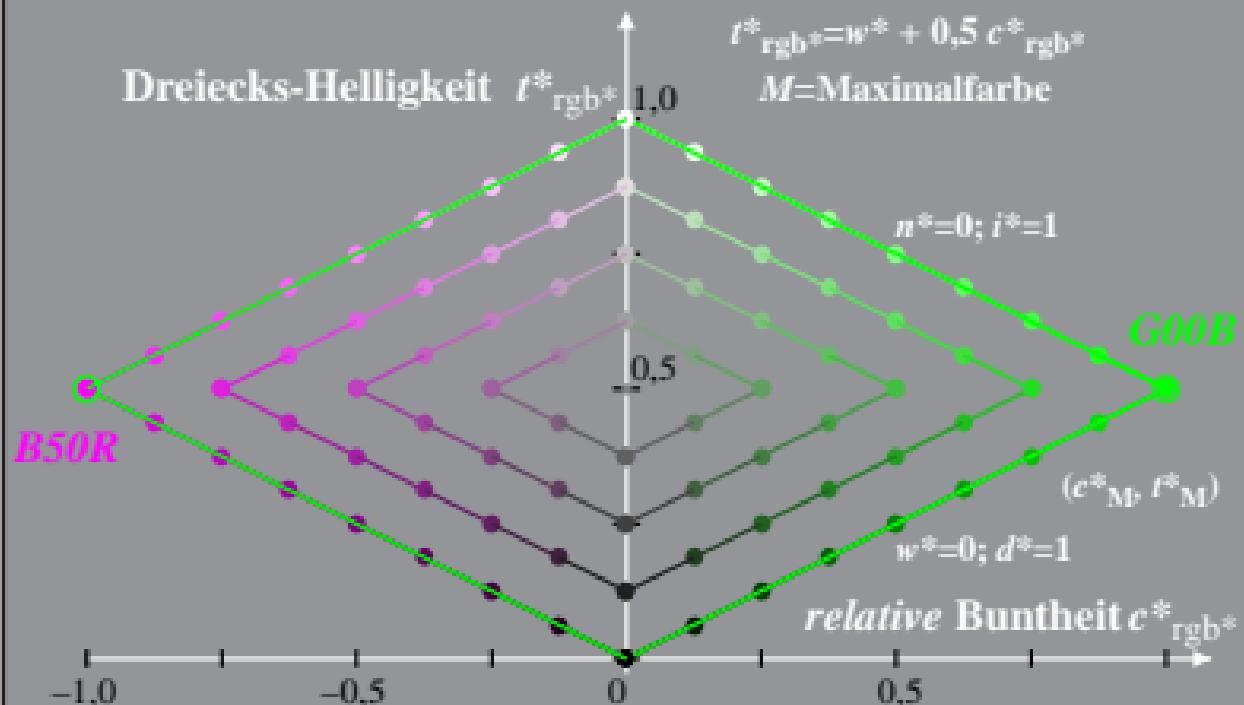
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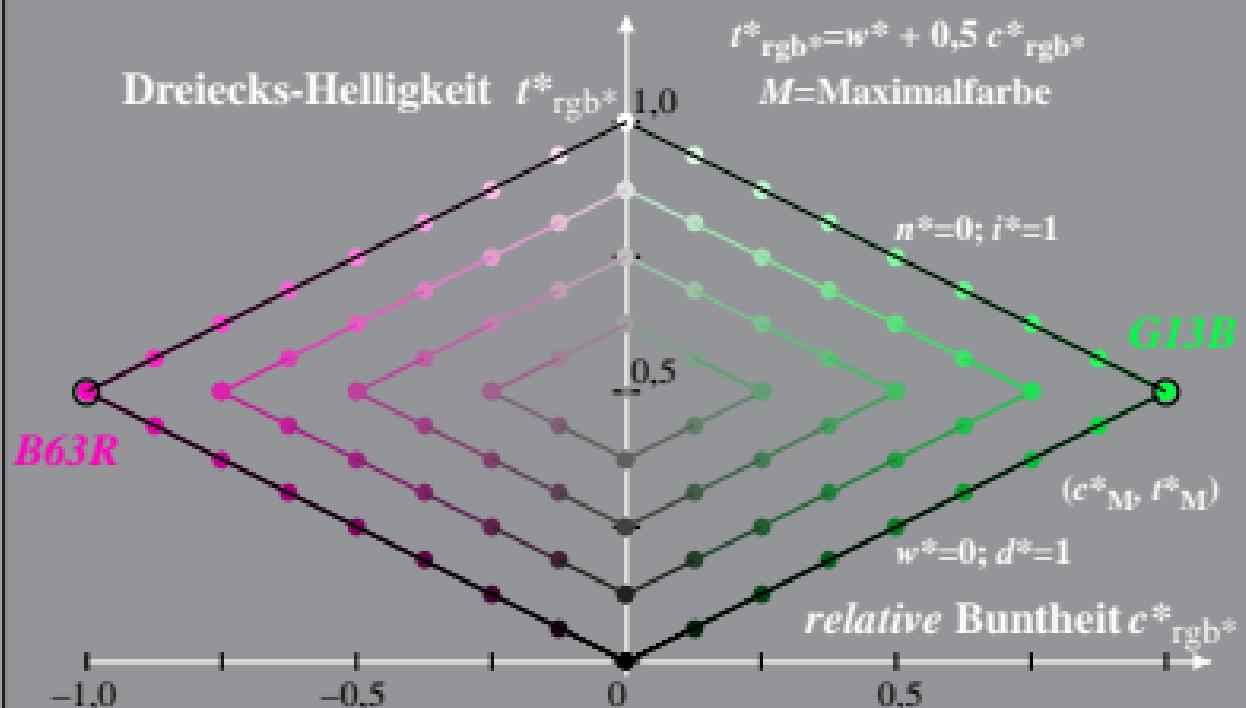


Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ und Dreiecks-Helligkeit $t^*_{rgb^*}$

System: HG80_HRS16_96_D65_25%_O0 $c^*_{rgb^*} = \max (rgb^*) - \min (rgb^*)$

Buntnull: $h^*_{G13B} = 175/360$; $h^*_{B63R_{br}} = 343/360$ $n^* = 1 - \max (rgb^*) = 1 - i^*$

Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}$; $t^*_{rgb^*} = t^*_{lab^*}$ $w^* = \min (rgb^*) = 1 - d^*$



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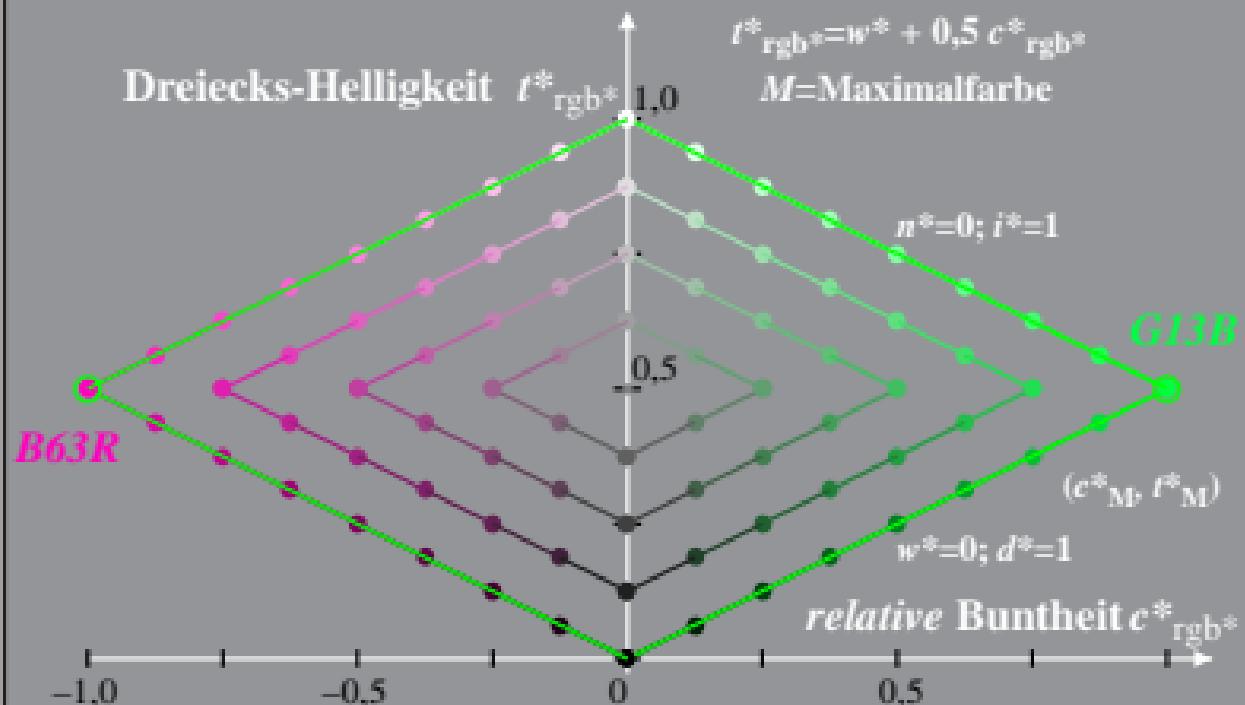
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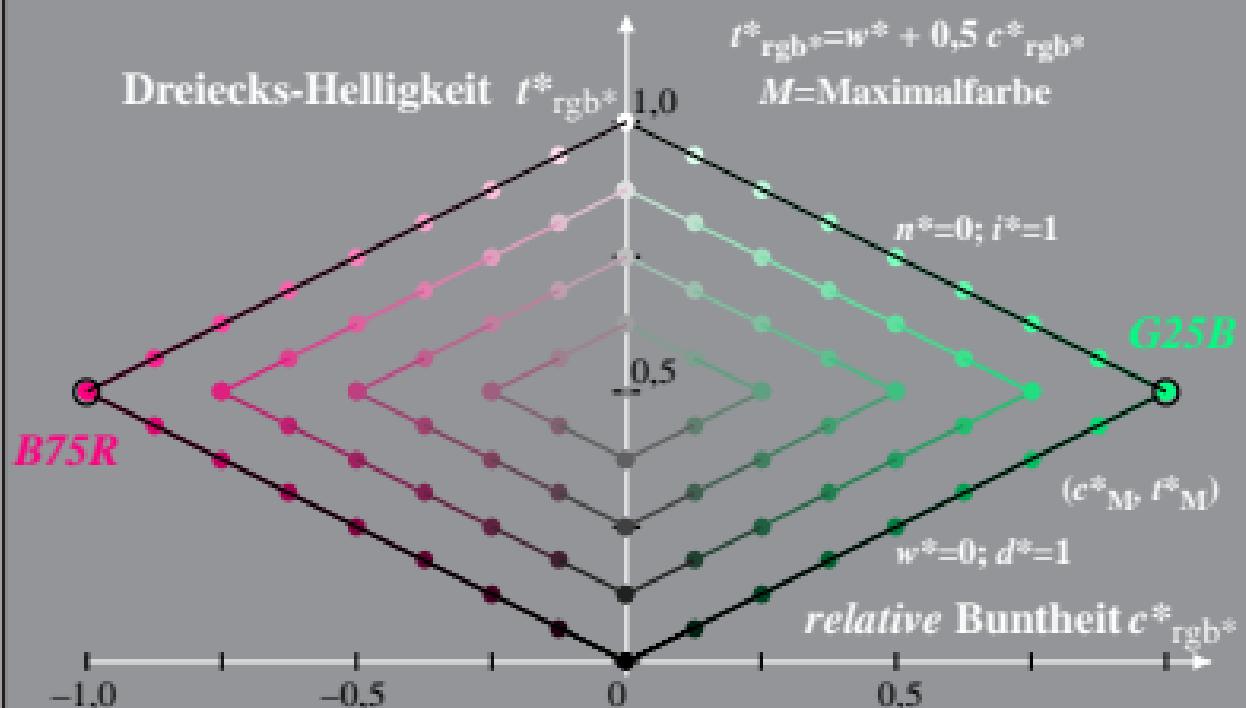
Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ und Dreiecks-Helligkeit $t^*_{rgb^*}$

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

Buntnull: $h^*_{G25B} = 189/360$; $h^*_{B75R_{br}} = 357/360$ $n^* = 1 - \max (rgb^*) = 1 - i^*$

Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}$; $t^*_{rgb^*} = t^*_{lab^*}$ $w^* = \min (rgb^*) = 1 - d^*$



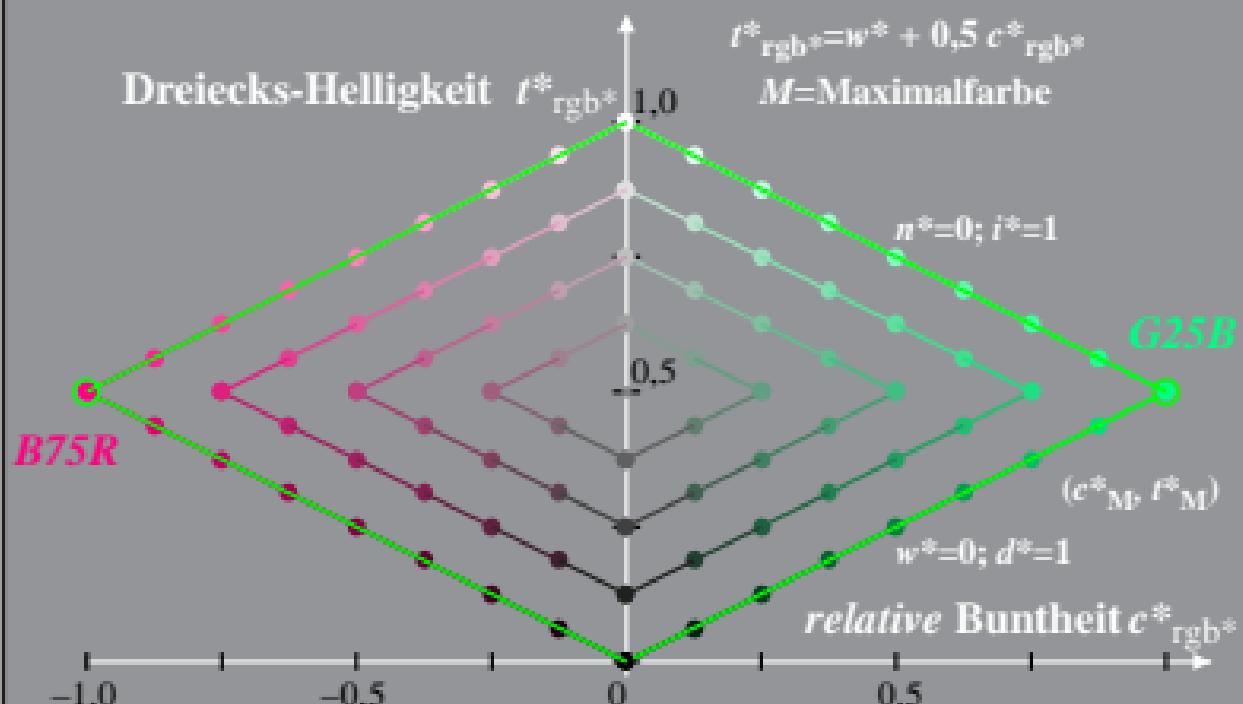
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Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}$; $t^*_{rgb^*} = t^*_{lab^*}$ $w^* = \min (rgb^*) = 1 - d^*$



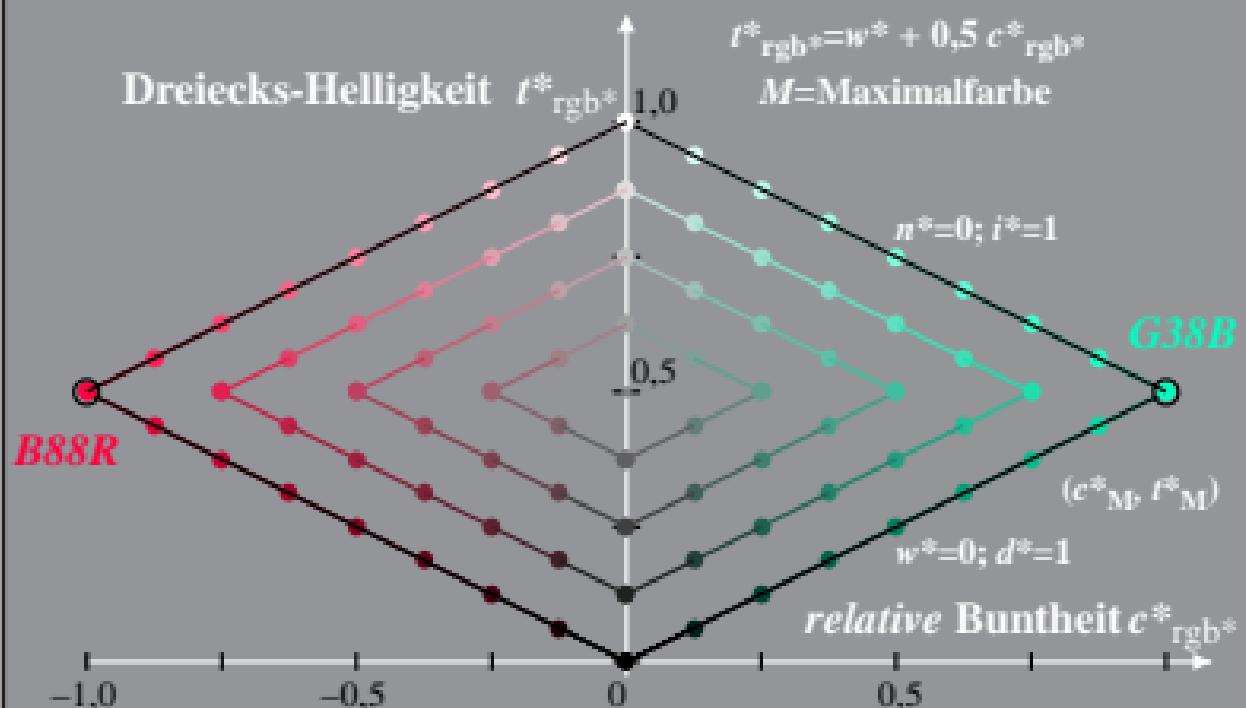
Beziehung rgb^* und relative Buntheit $c^*_{rgb^*}$ und Dreiecks-Helligkeit $t^*_{rgb^*}$

System: HG80_HRS16_96_D65_75%_O0

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

Buntnull: $h^*_{G38B} = 203/360$; $h^*_{B88R_{br}} = 371/360$ $n^* = 1 - \max (rgb^*) = 1 - i^*$

Ergebnis: $c^*_{rgb^*} = c^*_{lab^*}$; $t^*_{rgb^*} = t^*_{lab^*}$ $w^* = \min (rgb^*) = 1 - d^*$



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