

Linear relation rgb^* and relative chroma c_{rgb}^* and triangle lightness t_{rgb}^*

System: SI43_HRS16_96_D65_00%_G0

Hue: $h_{ab,R00Yd}=38/360$; $h_{ab,G50Bd}=236/360$

Result: $c_{rgb}^*=c^*$; $t_{rgb}^*=t^*$

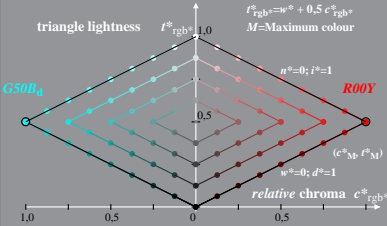
$$c_{rgb}^* = \max(rgb^*) - \min(rgb^*)$$

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

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

$$t_{rgb}^* = w^* + 0,5 c_{rgb}^*$$

M =Maximum colour



Linear relation rgb^* and relative chroma c_{rgb}^* and triangle lightness t_{rgb}^*

System: SI43_HRS16_96_D65_00%_G1

Hue: $h_{ab,R00Yd}=38/360$; $h_{ab,G50Bd}=236/360$

Result: $c_{rgb}^*=c^*$; $t_{rgb}^*=t^*$

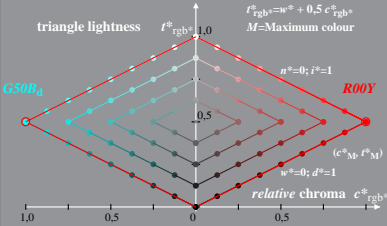
$$c_{rgb}^* = \max(rgb^*) - \min(rgb^*)$$

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

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

$$t_{rgb}^* = w^* + 0,5 c_{rgb}^*$$

M =Maximum colour



SI431-5A, 2; cfl=0.90; nt=0.18; nx=1.0