

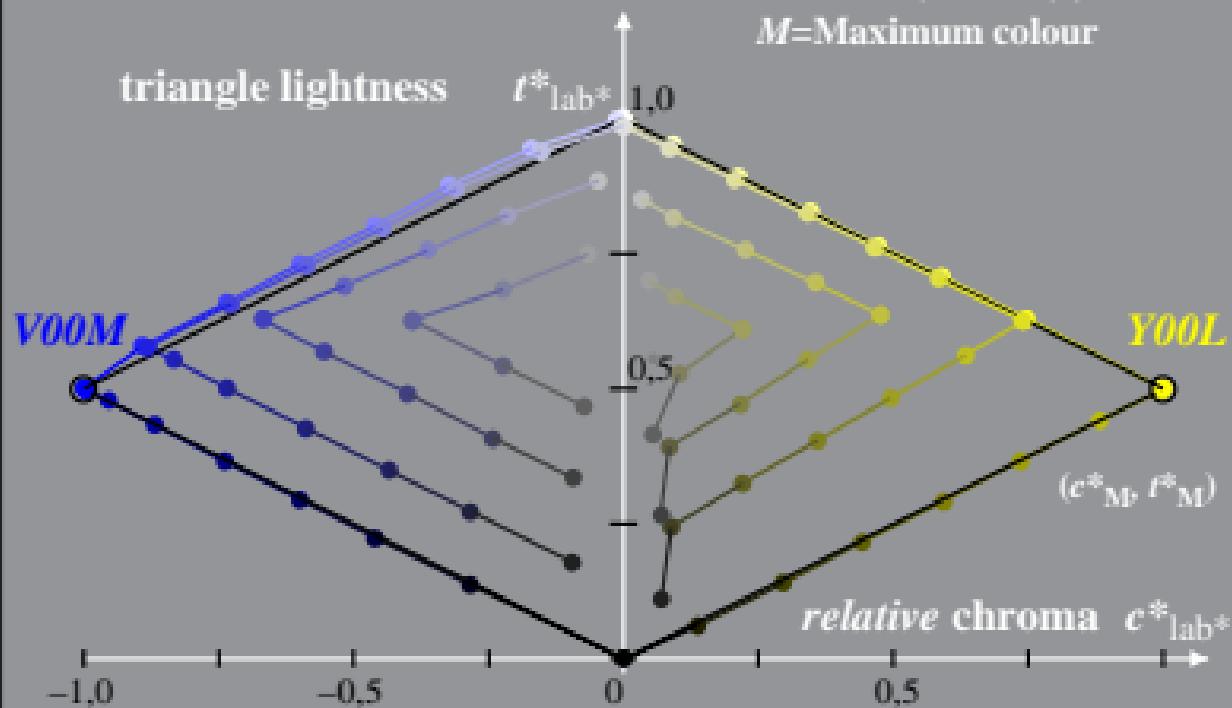
Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_00%_O0 $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{YUV} = 96/360$; $h^*_{YUVW} = 305/360$ $c^* = -l^*$, $t^* = [l^* \quad 0 \quad 1]$

$$I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

$$I^*_{\text{lab}*} = I^*_{\text{lab}*} - c^*_{\text{lab}*} [I^*_M - 0.5]$$

$$C^*_{\text{lab}} = C^*_{\text{abs}} / C^*_{\text{abs} \times M}$$

M=Maximum colour



GE891-2A, 1; cf1=0.70; n1=0.18; n3=1.0

Linear relation adapted (a) CIELAB ($C^*_{ab,a}, L^*$) and relative CIELAB (c^*, t^*)

System: GE89_FRS09_92_D65_00%_O1

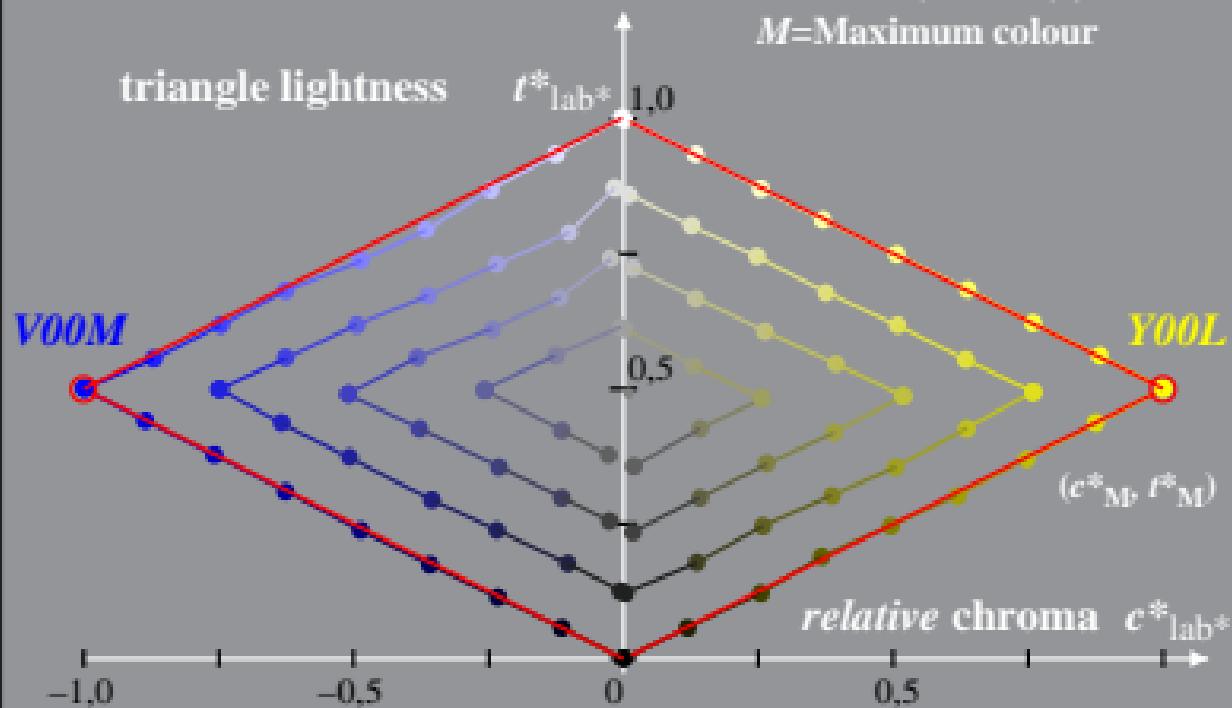
$$l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$$

Hue: $h^*_{Y00L} = 96/360$; $h^*_{V00M} = 305/360$

$$t^*_{lab*} = l^*_{lab*} - c^*_{lab*} [l^*_M - 0,5]$$

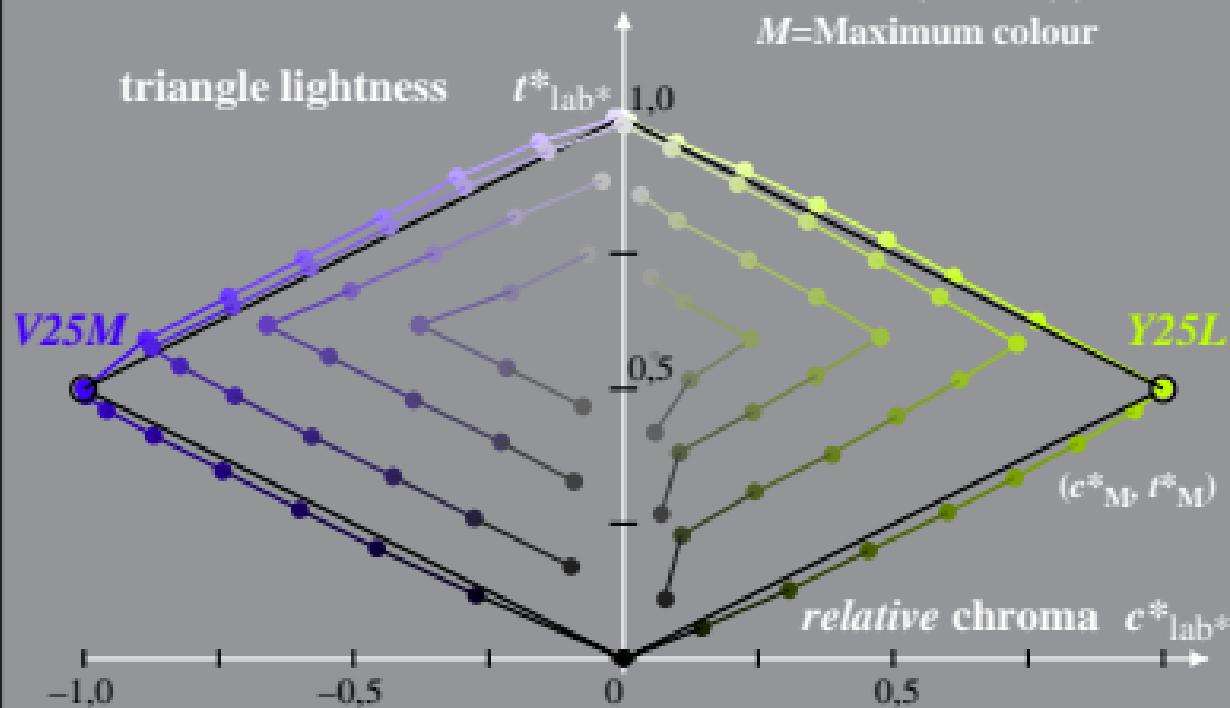
$$c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M =Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_25%_O0 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y25L} = 109/360$; $h^*_{V25M} = 317/360$ $t^*_{lab*} = I^*_{lab*} - c^*_{lab*} [I^*_M - 0,5]$
 $c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$

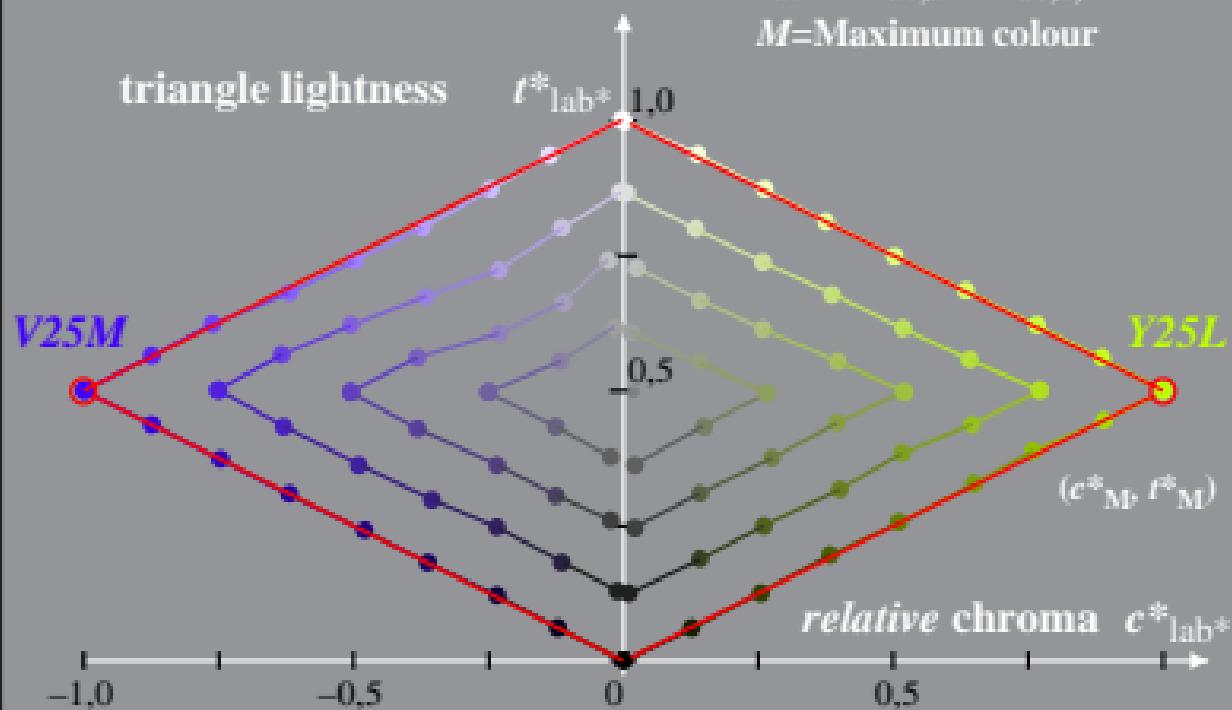
M =Maximum colour



GE891-2A, 3; cf1=0.70; nt=0.18; nx=1.0

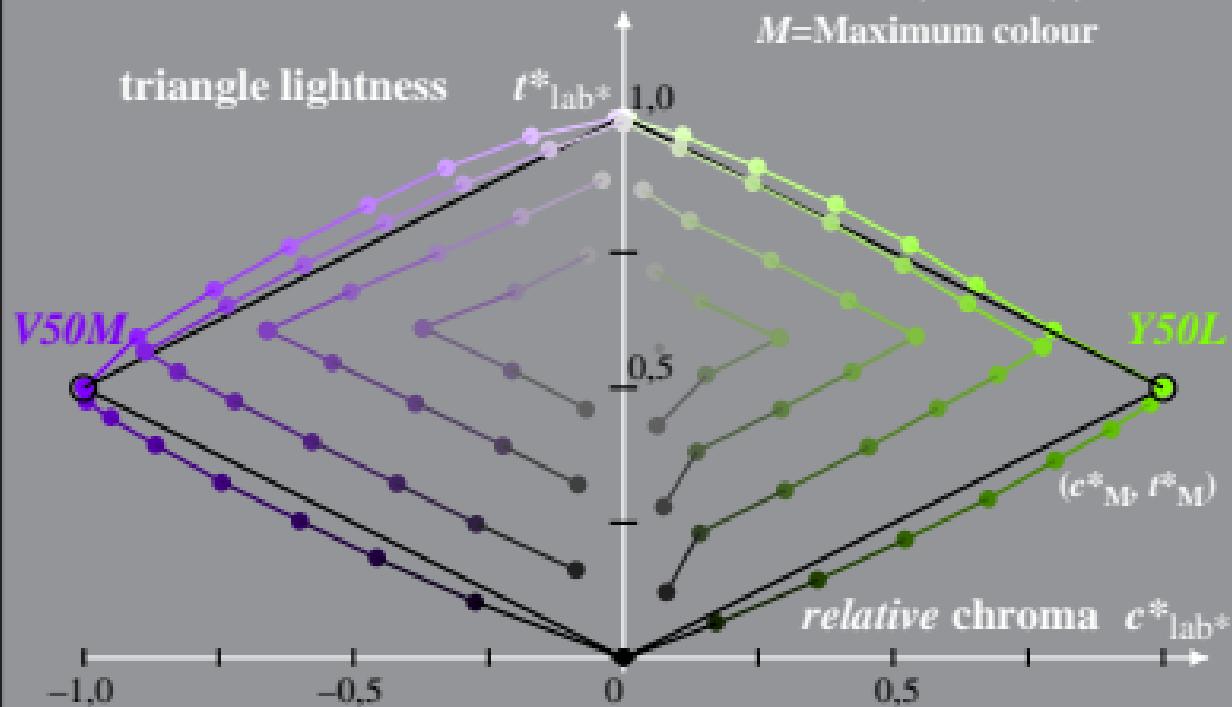
Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_25%_O1 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y25L} = 109/360$; $h^*_{V25M} = 317/360$ $t^*_{lab^*} = I^*_{lab^*} - c^*_{lab^*} [I^*_M - 0,5]$
 $c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_50%_O0 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y50L} = 123/360$; $h^*_{V50M} = 329/360$ $t^*_{lab*} = I^*_{lab*} - c^*_{lab*} [I^*_M - 0,5]$
 $c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$

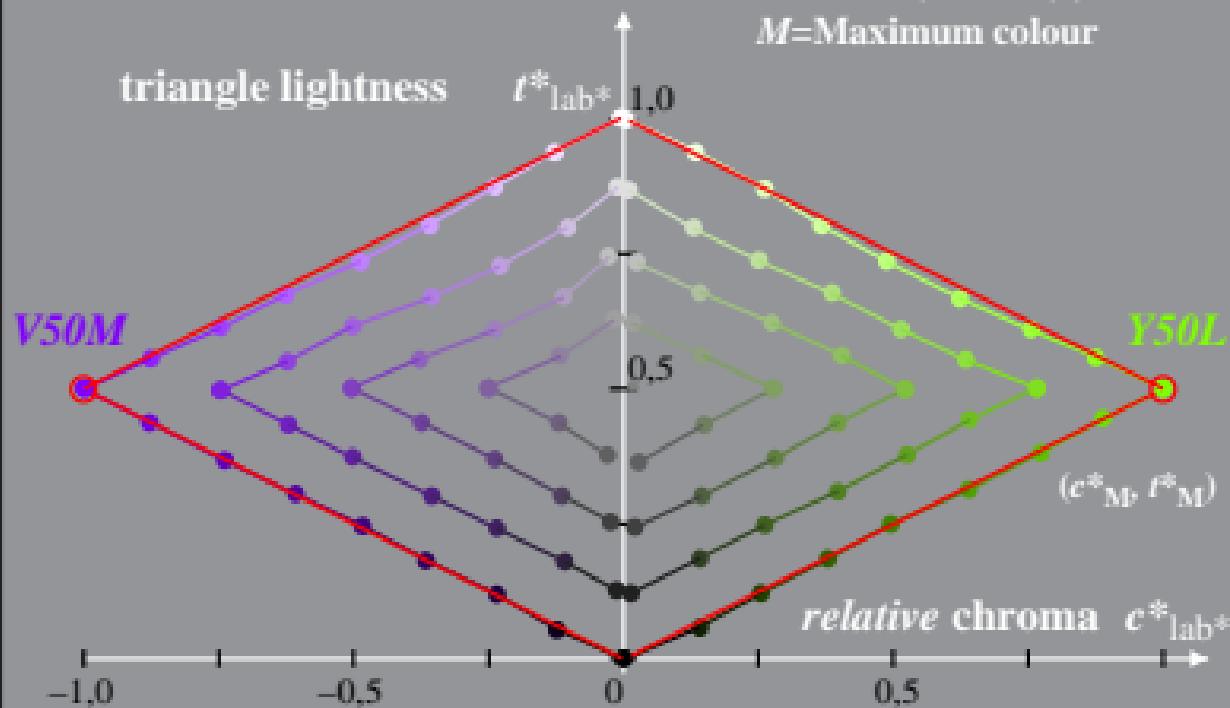
M=Maximum colour



GE891-2A, 5; cf1=0.70; nt=0.18; nx=1.0

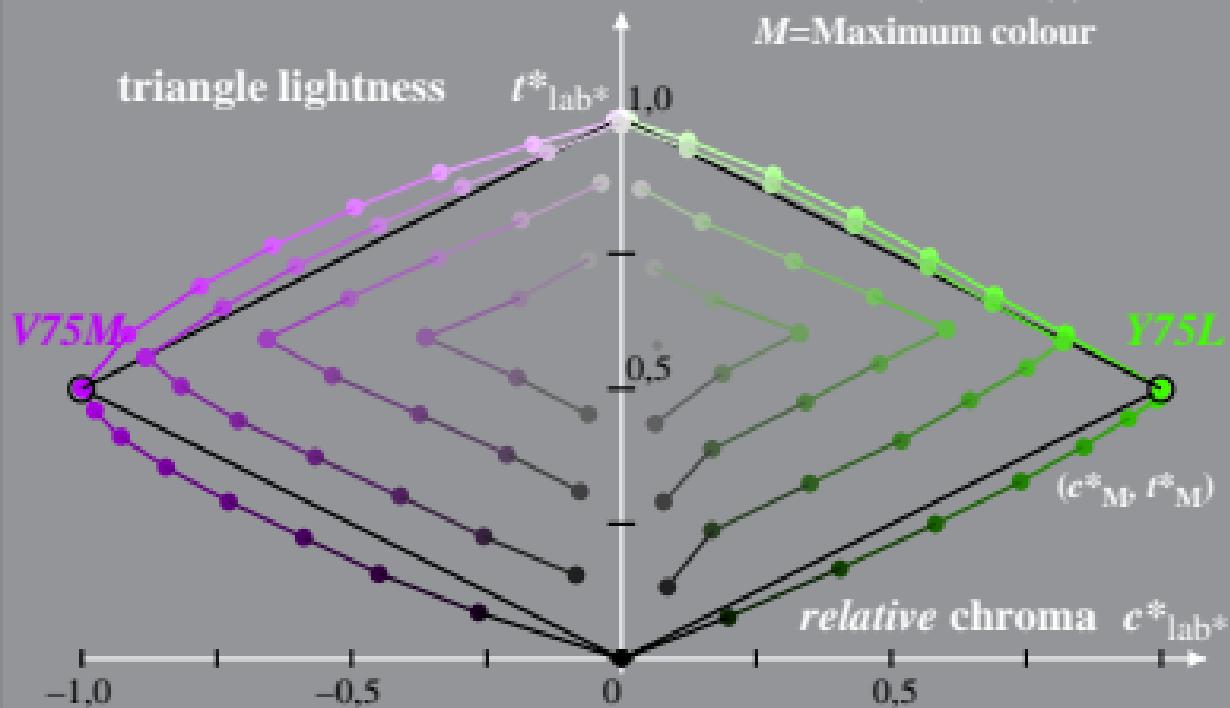
Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_50%_O1 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y50L} = 123/360$; $h^*_{V50M} = 329/360$ $t^*_{lab^*} = I^*_{lab^*} - c^*_{lab^*} [I^*_M - 0,5]$
 $c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_75%_O0 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y75L} = 137/360$; $h^*_{V75M} = 341/360$ $t^*_{lab*} = I^*_{lab*} - c^*_{lab*} [I^*_M - 0,5]$
 $c^*_{lab*} = C^*_{ab,a} / C^*_{ab,a,M}$

M =Maximum colour



Linear relation adapted (a) CIELAB ($C^*_{ab,a}, L^*$) and relative CIELAB (c^*, l^*)
 System: GE89_FRS09_92_D65_75%_O1 $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 Hue: $h^*_{Y75L} = 137/360$; $h^*_{V75M} = 341/360$ $l^*_{lab^*} = l^*_{lab^*} - c^*_{lab^*} [l^*_M - 0,5]$
 $c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$

M =Maximum colour

