

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

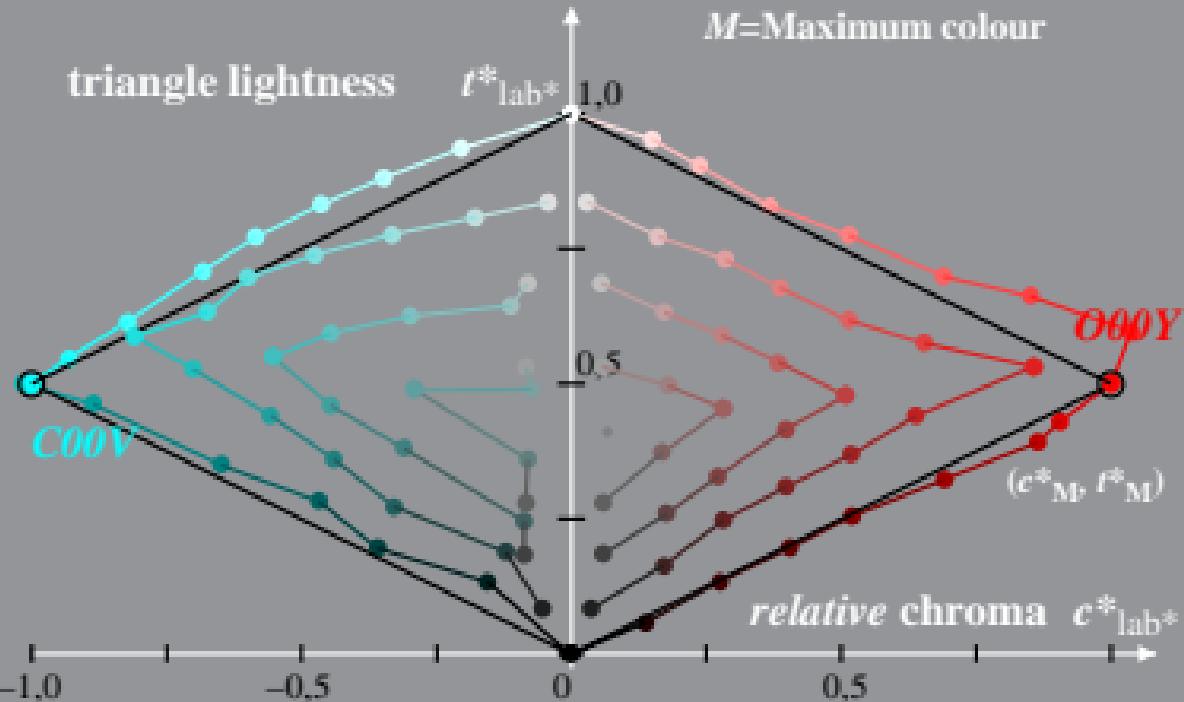
System: GE81\_HRS27\_96\_D65\_00%\_00       $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O00Y} = 38/360$ ;  $h^*_{C00V} = 236/360$

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

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

$M$ =Maximum colour



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

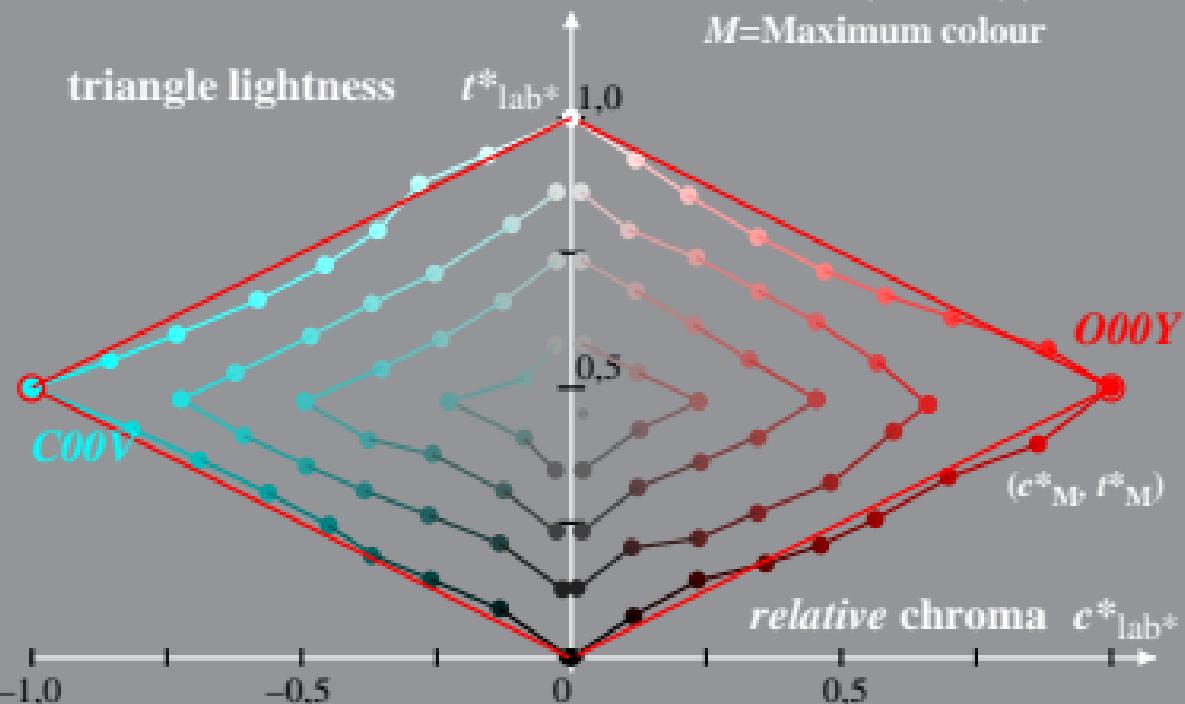
System: GE81\_HRS27\_96\_D65\_00%\_O1       $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O00Y} = 38/360$ ;  $h^*_{C00V} = 236/360$

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

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

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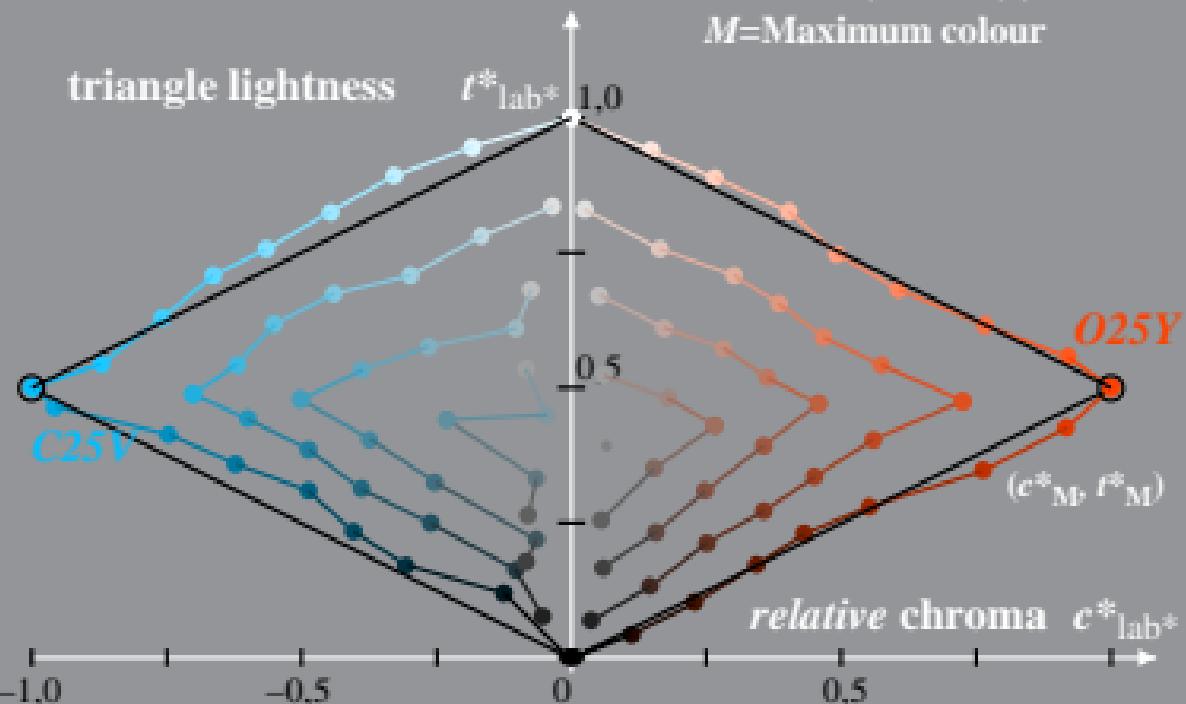
System: GE81\_HRS27\_96\_D65\_25%\_00       $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O25Y} = 52/360$ ;  $h^*_{C25V} = 253/360$

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

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

$M$ =Maximum colour



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

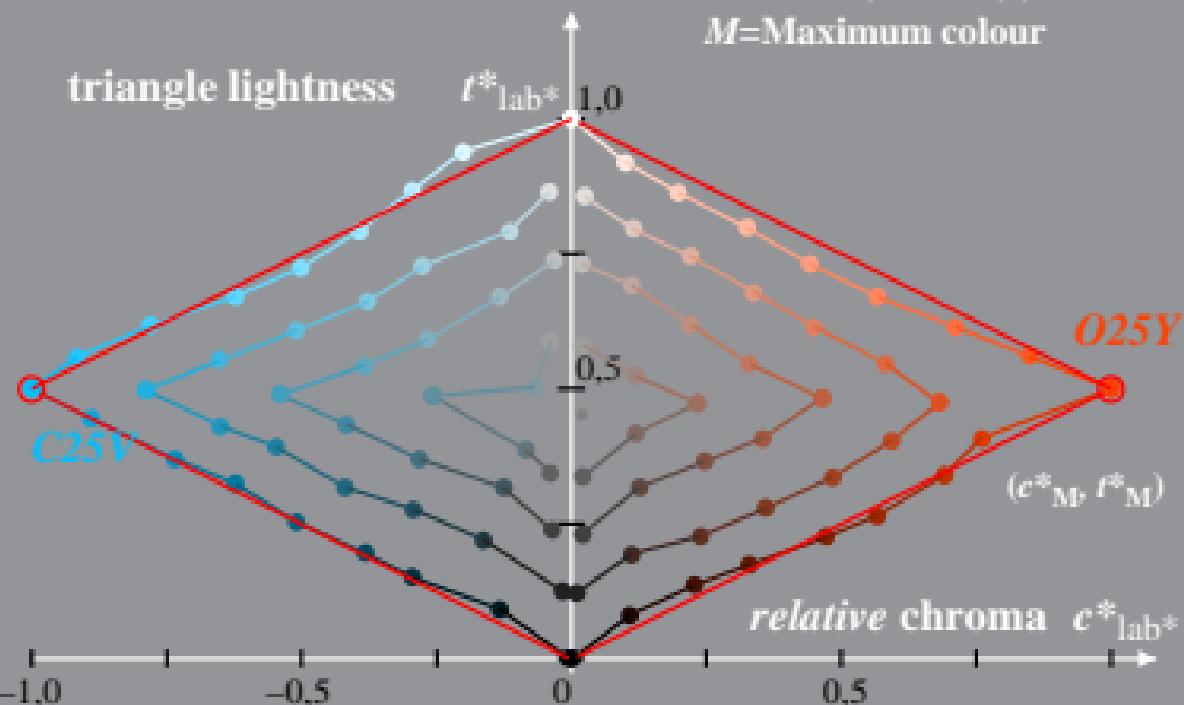
System: GE81\_HRS27\_96\_D65\_25%\_O1       $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O25Y} = 52/360$ ;  $h^*_{C25V} = 253/360$

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

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

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

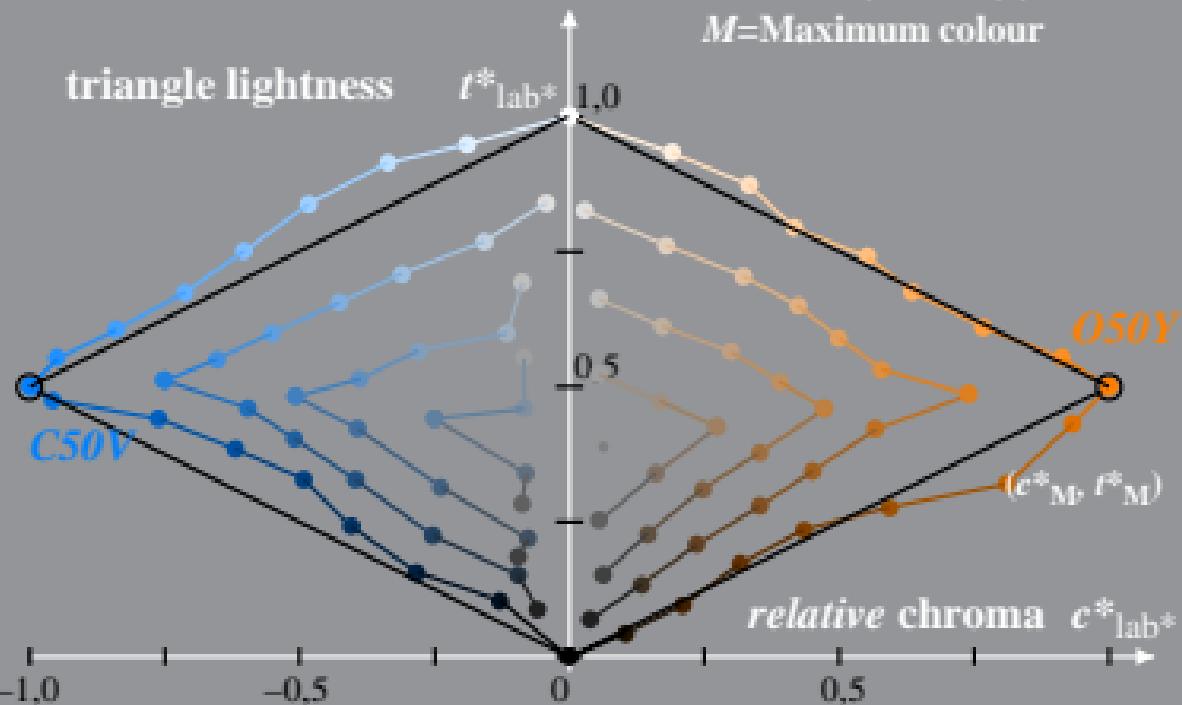
System: GE81\_HRS27\_96\_D65\_50%\_00       $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O50Y}=67/360$ ;  $h^*_{C50V}=270/360$

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

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

$M$ =Maximum colour



GE811-1A, 5; cf1=0.95; nt=0.18; nx=1.0

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

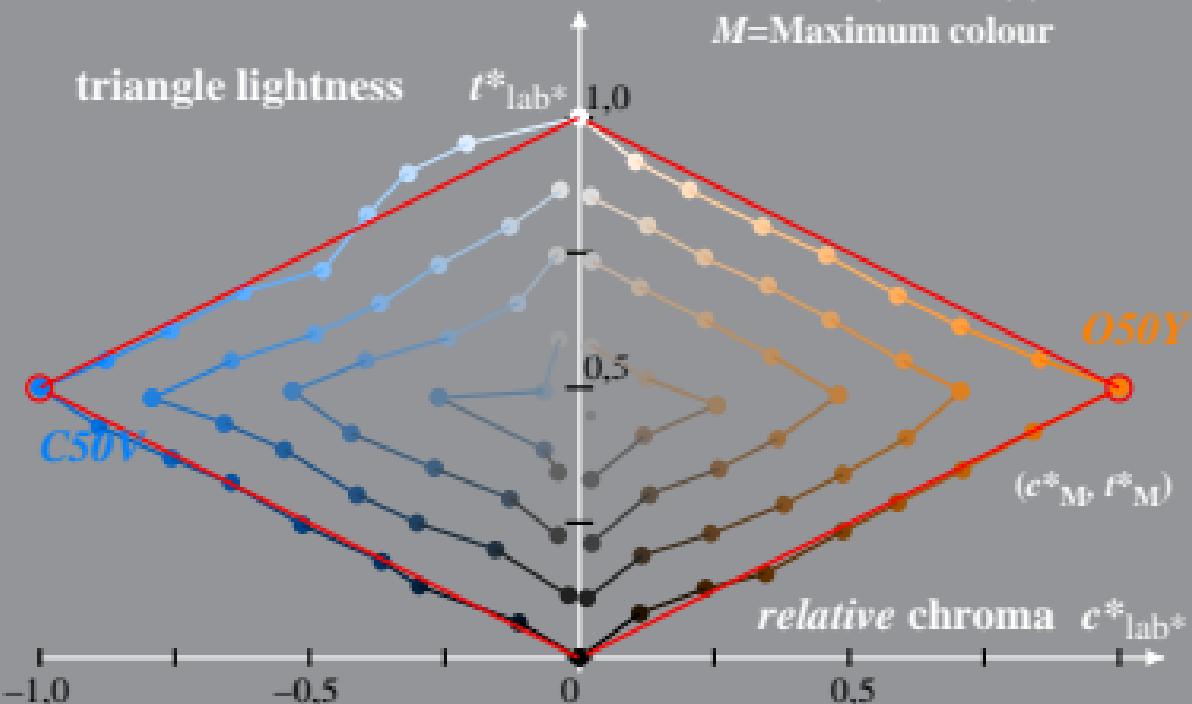
System: GE81\_HRS27\_96\_D65\_50%\_O1       $t^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O50Y} = 67/360$ ;  $h^*_{C50V} = 270/360$

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

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

$M$ =Maximum colour



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

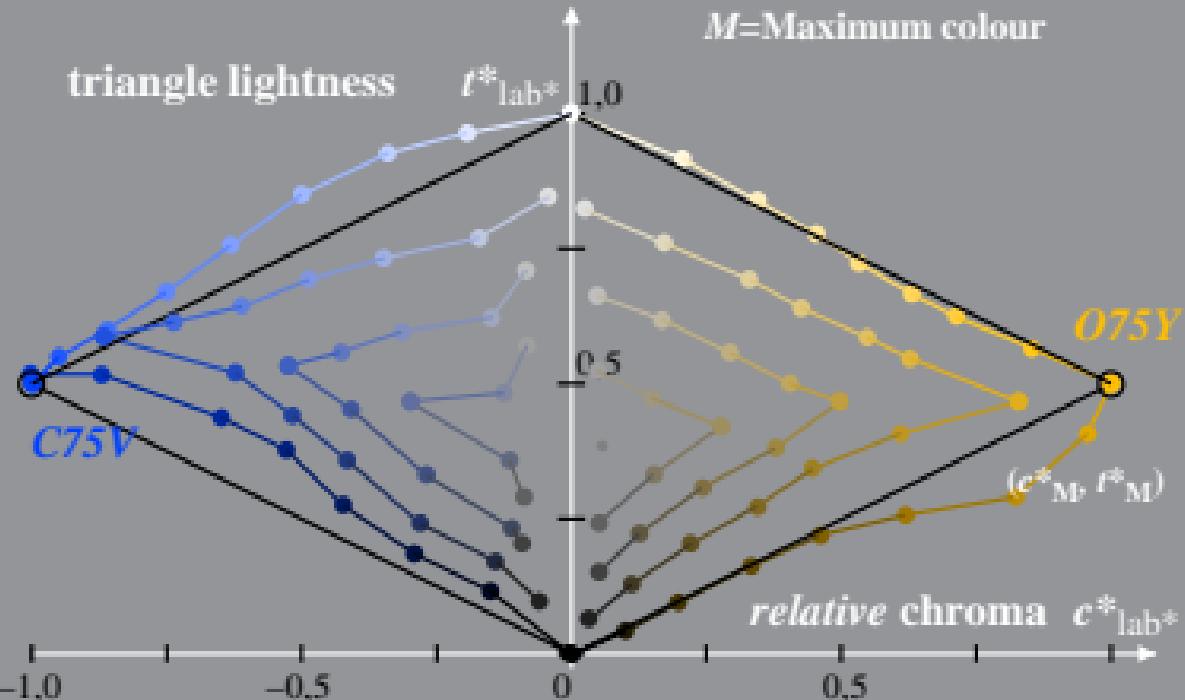
System: GE81\_HRS27\_96\_D65\_75%\_00       $l^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

Hue:  $h^*_{O75Y} = 81/360$ ;  $h^*_{C75V} = 287/360$

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

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

$M$ =Maximum colour



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

System: GE81\_HRS27\_96\_D65\_75%\_O1       $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

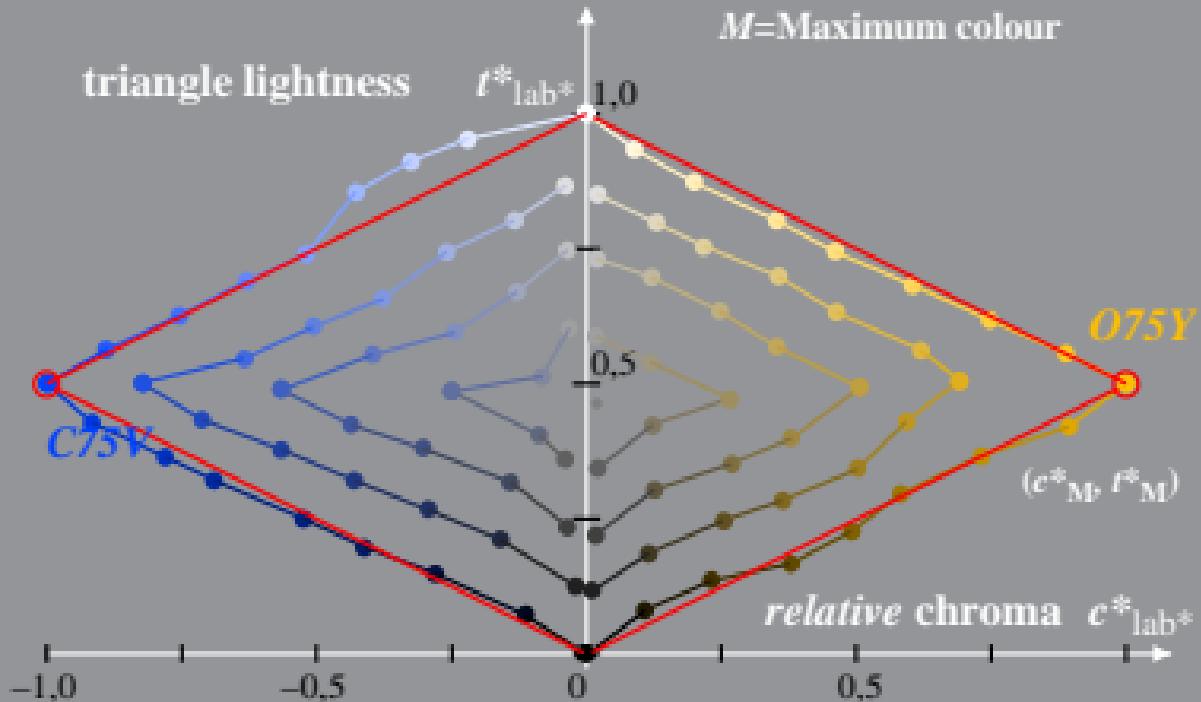
Hue:  $h^*_{C75Y}=81/360$ ;  $h^*_{C75Y}=287/360$

$$I^*_{\text{lab}*} = I^*_{\text{lab}*} - C^*_{\text{lab}*} [P_M^* - 0,5]$$

$$\epsilon_{\text{sub}}^* = C_{\text{sub}}^*/C_{\text{sub}+M}$$

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*M*=Maximum colour



GE811-1A, 8; cf1=0.95; n=0.18; n<sub>g</sub>=1.0