

Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_00%_O0

CIELAB hue angles:

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

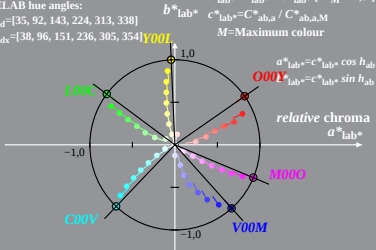
$h_{ab,dx}=[38, 96, 151, 236, 305, 354]$ **Y00L**

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_00%_O1

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

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

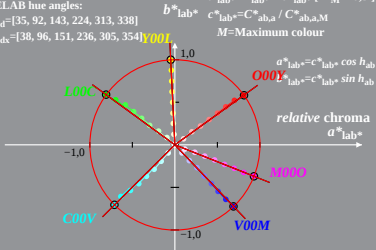
$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M =Maximum colour

CIELAB hue angles:

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

$h_{ab,dx} = [38, 96, 151, 236, 305, 354]$ **Y00L**



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , l^*)
 System: GE89_FRS09_92_D65_25%_O0

CIELAB hue angles:

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

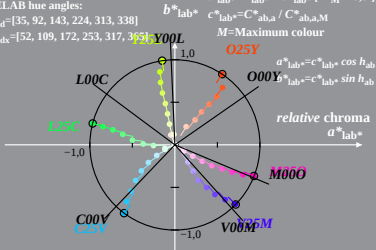
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_25%_O1

CIELAB hue angles:

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

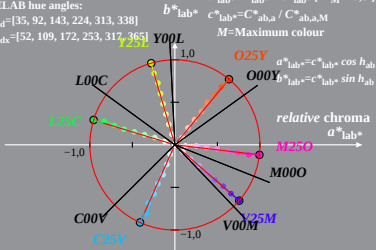
$h_{ab,dx}=[52, 109, 172, 253, 317, 365]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: GE89_FRS09_92_D65_50%_O0

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

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

CIELAB hue angles:

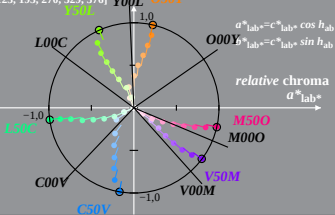
$h_{ab,d} = [35, 92, 143, 224, 313, 338]$

$h_{ab,dx} = [67, 123, 193, 270, 329, 376]$

$b^*_{lab^*}$

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

M=Maximum colour



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

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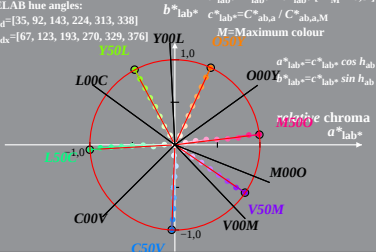
$h_{ab,dx}=[67, 123, 193, 270, 329, 376]$

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

M=Maximum colour



GE891-4A, 6; 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_75%_O0

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

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

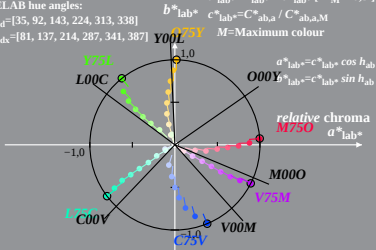
$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

M=Maximum colour

CIELAB hue angles:

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

$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$



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

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

$h_{ab,dx} = [81, 137, 214, 287, 341, 387]$

$b^*_{lab^*}$

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

M=Maximum colour

