

Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_00%_O0

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[26, 92, 162, 217, 272, 329]$

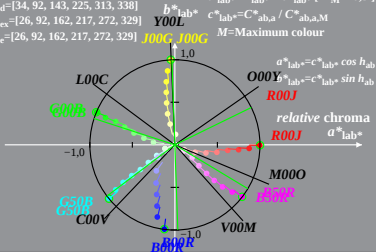
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_00%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[26, 92, 162, 217, 272, 329]$

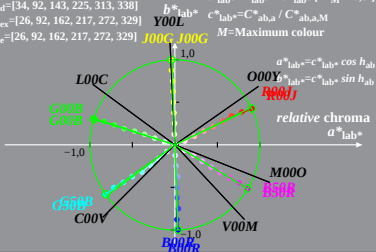
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_25%_O0

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[42, 109, 175, 230, 286, 343]$

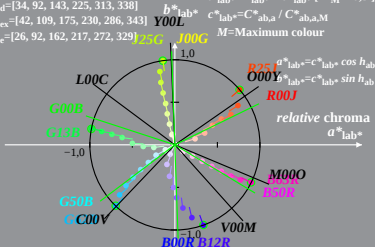
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_25%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[42, 109, 175, 230, 286, 343]$

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

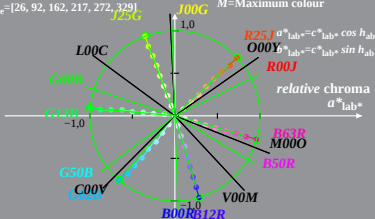
$b^*_{lab^*}$
 Y00L

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_50%_O0

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[59, 127, 189, 244, 300, 357]$

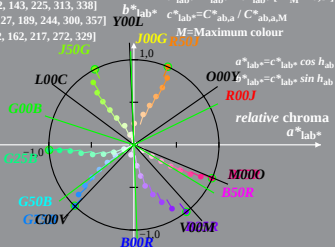
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_50%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[59, 127, 189, 244, 300, 357]$

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

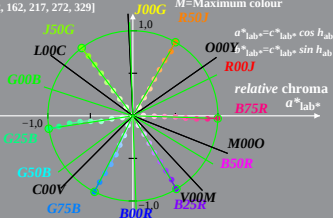
b^*_{lab*}
 Y00L

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_75%_O0

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[75, 144, 203, 258, 314, 371]$

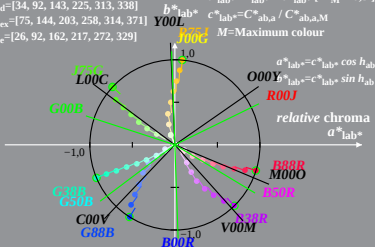
$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M=Maximum colour



Linear relation *adapted* (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE88_FRS09_92_D65_75%_O1

CIELAB hue angles:

$h_{ab,d}=[34, 92, 143, 225, 313, 338]$

$h_{ab,ex}=[75, 144, 203, 258, 314, 371]$

$h_{ab,e}=[26, 92, 162, 217, 272, 329]$

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

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

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

M =Maximum colour

