

Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE80_HRS16_96_D65_00%_00 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
 CIELAB hue angles:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

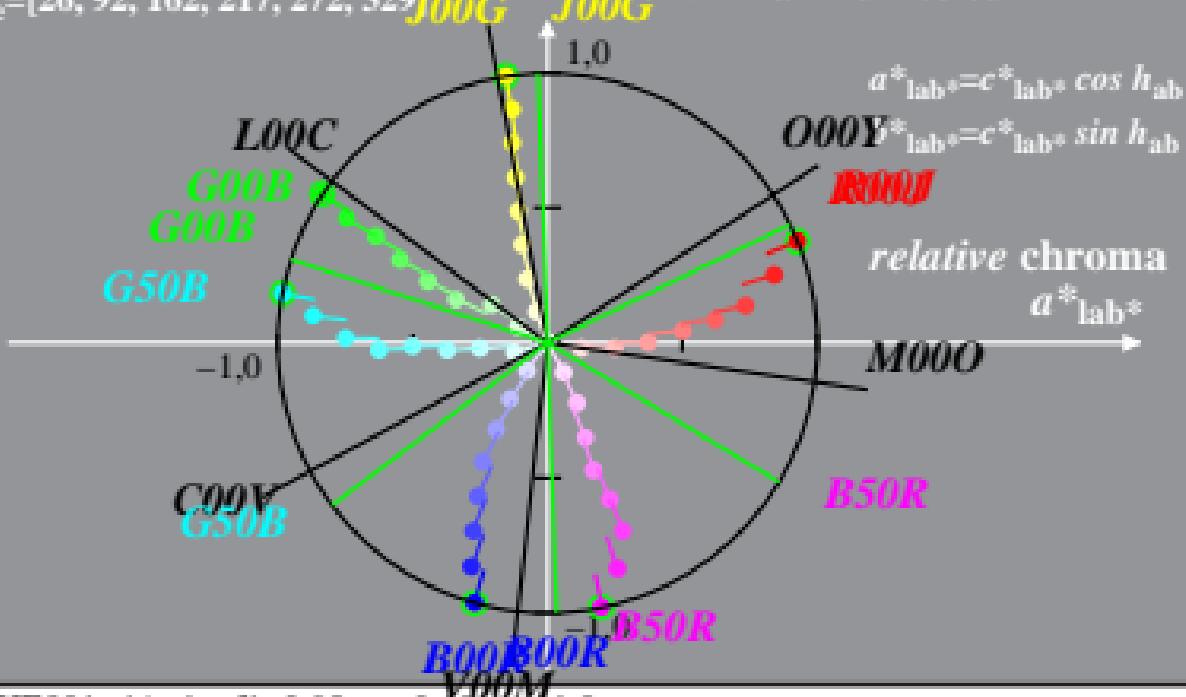
$$h_{ab,ex} = [26, 92, 162, 217, 272, 329]$$

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

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

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

M =Maximum colour



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

System: HE80_HRS16_96_D65_00%_01 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$

CIELAB hue angles:

$h_{ab,d} = [32, 100, 145, 206, 265, 348]$

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

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

$b^*_{lab^*}$

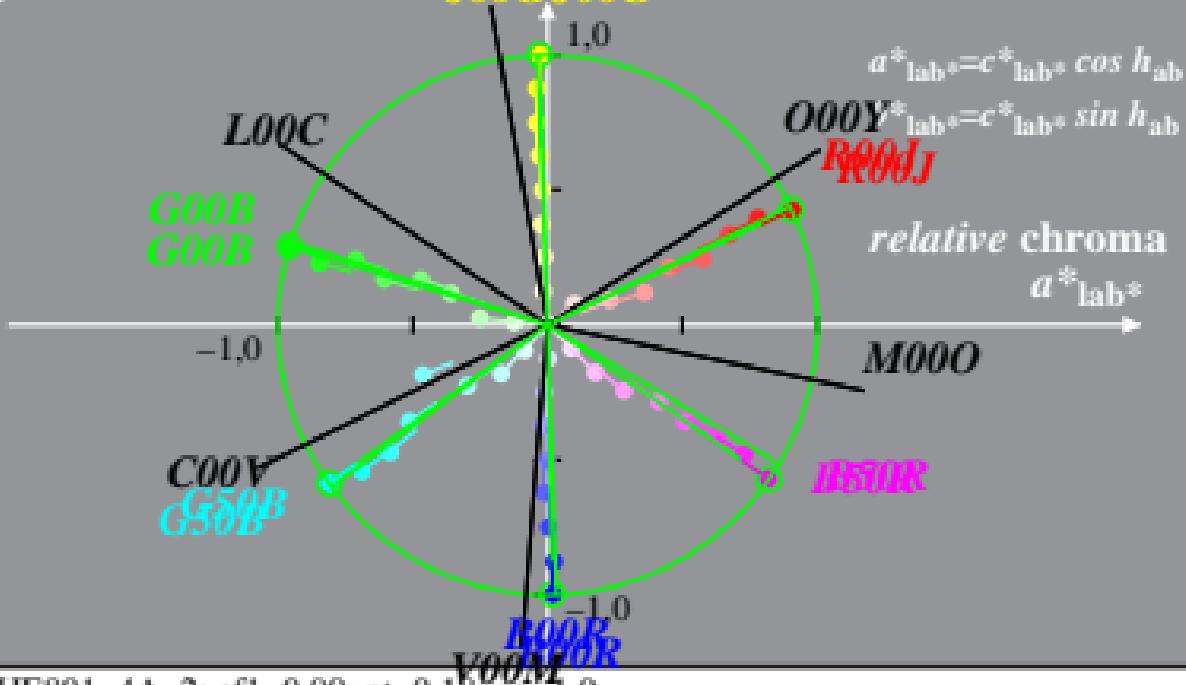
$$c^*_{lab^*} = C^*_{ab,a} / C^*_{ab,a,M}$$

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

$Y00L$

$J00G J00G$

M =Maximum colour



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

System: HE80_HRS16_96_D65_25%_00

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

CIELAB hue angles:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

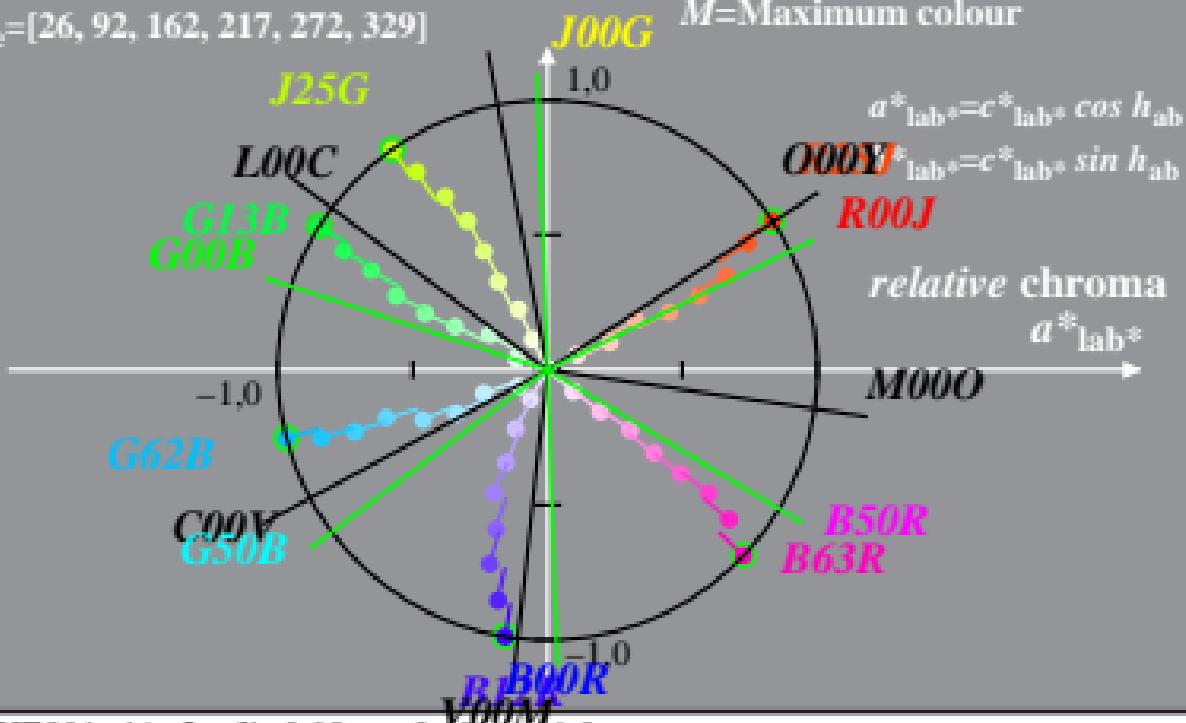
$$h_{ab,ex} = [42, 109, 175, 230, 286, 345]$$

$Y00L$

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

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

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Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
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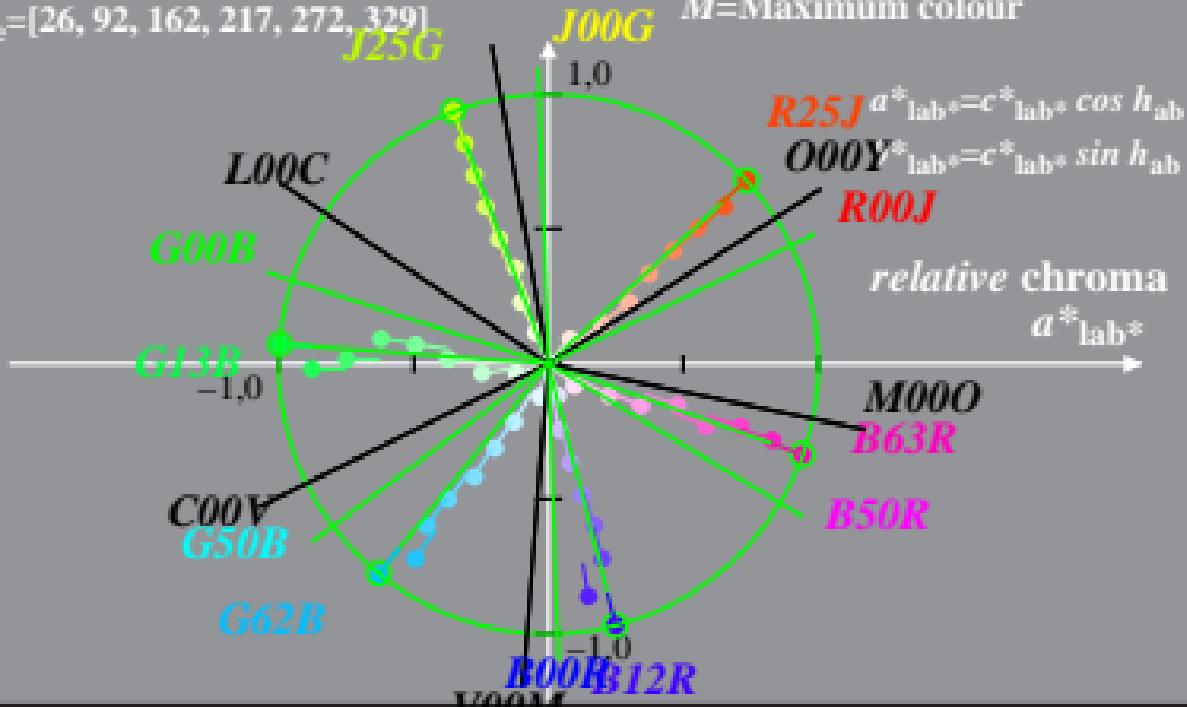
$$h_{ab,ex} = [42, 109, 175, 230, 286, 345]$$

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

System: HE80_HRS16_96_D65_50%_00

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

CIELAB hue angles:

$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

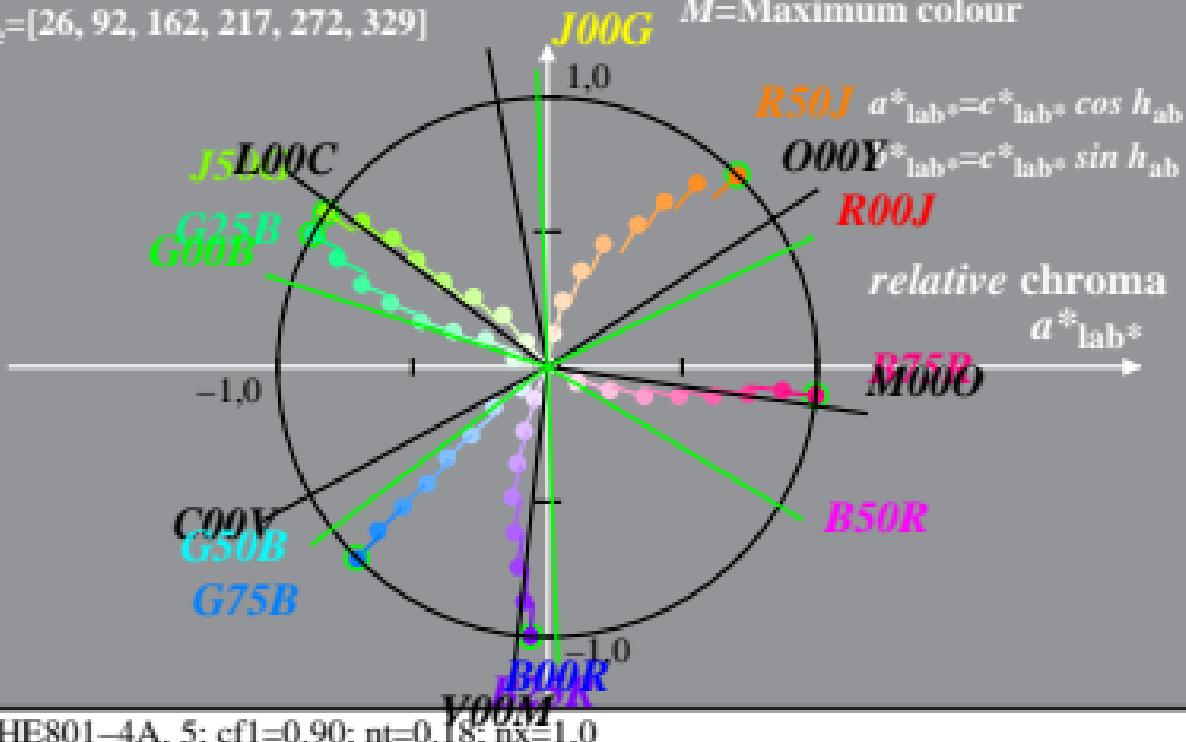
$$h_{ab,ex} = [59, 127, 189, 244, 300, 357]$$

Y00L

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

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

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

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

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

Y00L

M=Maximum colour

$$a^*_{lab*} = c^*_{lab*} \cos h_{ab}$$

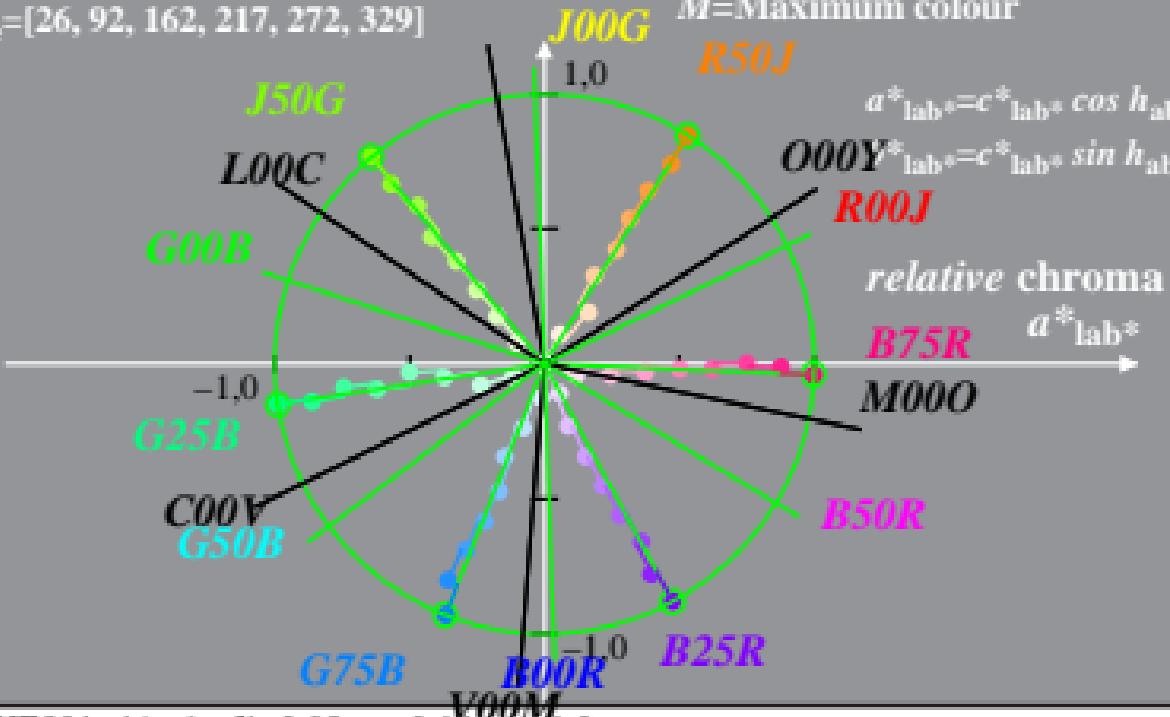
$$O00Y^*_{lab*} = c^*_{lab*} \sin h_{ab}$$

R00J

relative chroma

$$B75R \quad a^*_{lab*}$$

M00O



Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^* , t^*)
 System: HE80_HRS16_96_D65_75%_00 $I^*_M = (L^*_M - L^*_N) / (L^*_W - L^*_N)$
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$$h_{ab,d} = [32, 100, 145, 206, 265, 348]$$

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

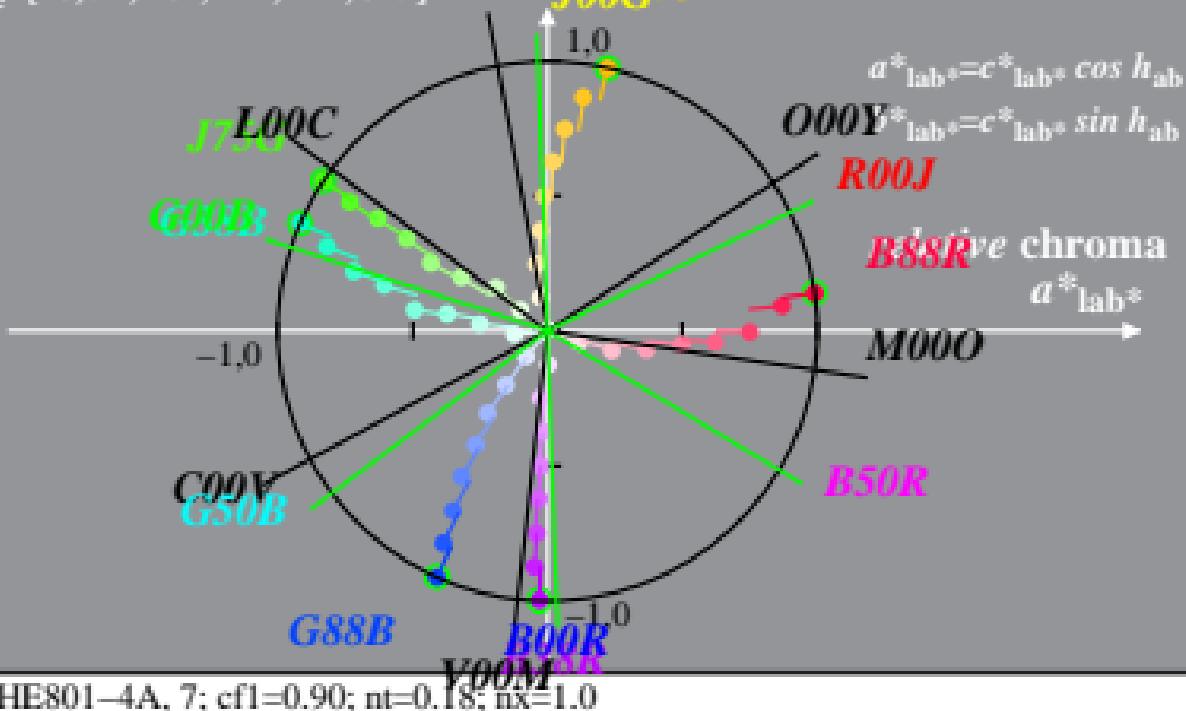
$$h_{ab,e} = [26, 92, 162, 217, 272, 329]$$

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$Y00L$

$J00G5J$ M=Maximum colour



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b^*_{lab*}

M =Maximum colour

