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

System: HE80_HRS16_96_D65_00%_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:

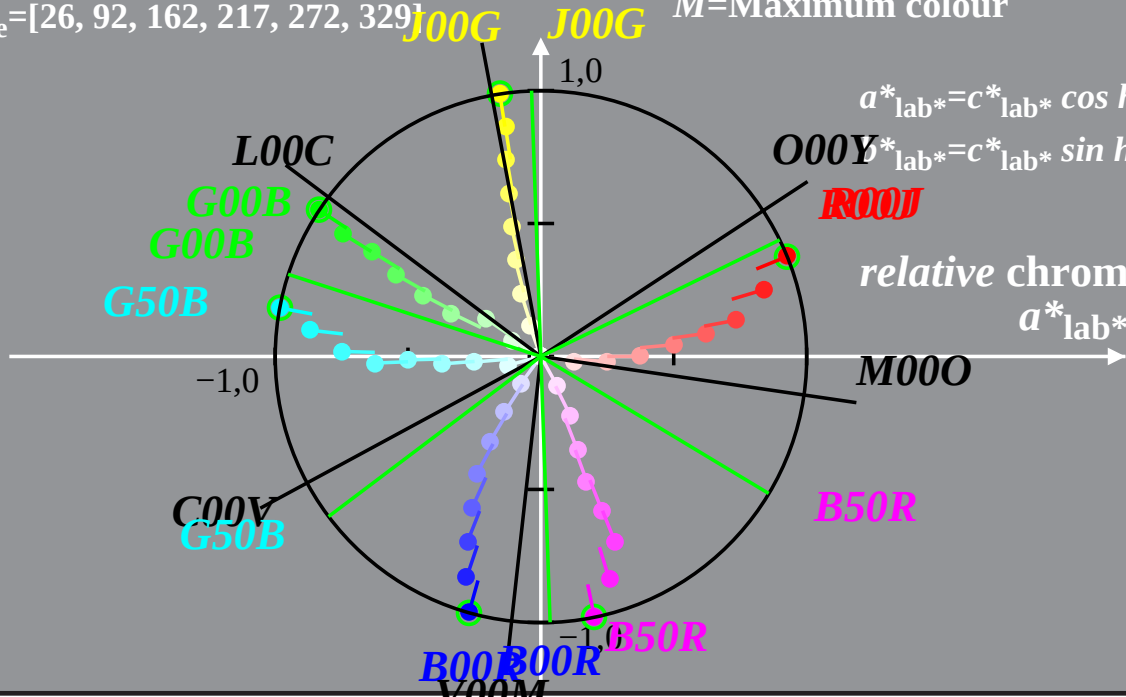
$h_{ab,d}$=[32, 100, 145, 206, 265, 348]

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

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

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

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



HE801−4A, 1; cf1=0.90; nt=0.18; nx=1.0

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

System: HE80_HRS16_96_D65_00%_O1

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

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

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

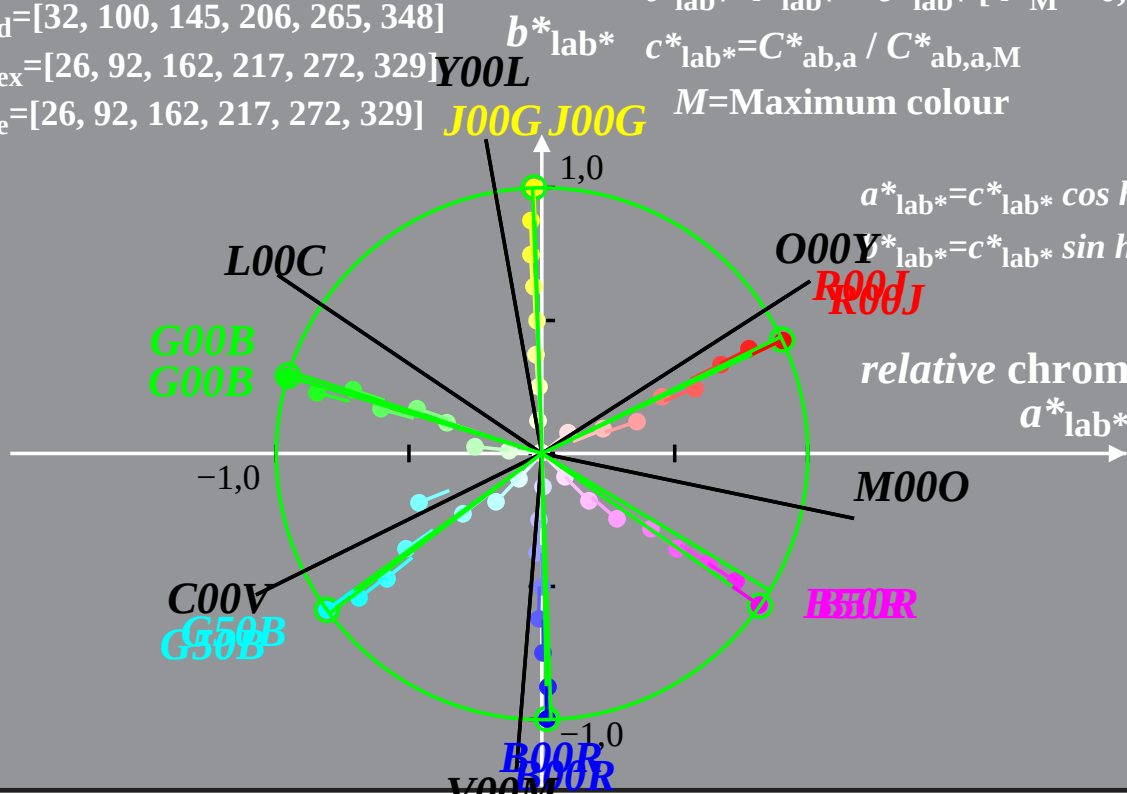
M=Maximum colour

CIELAB hue angles:

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

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

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



HE801−4A, 2; cf1=0.90; nt=0.18; nx=1.0

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

System: HE80_HRS16_96_D65_25%_O0

CIELAB hue angles:

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

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

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

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

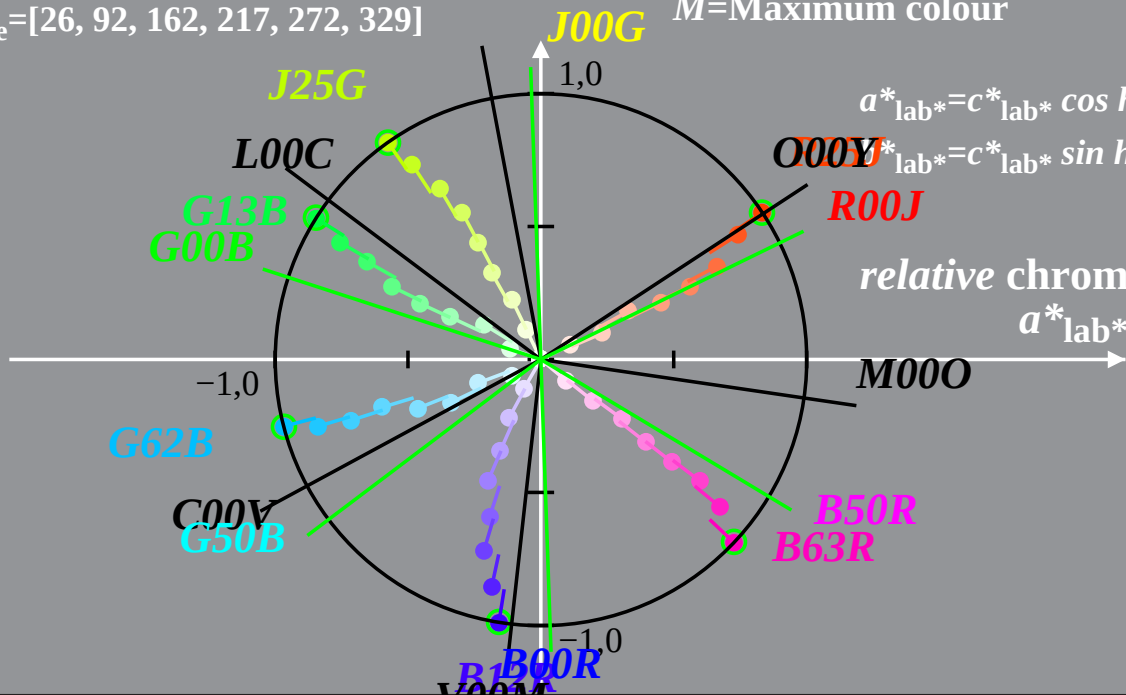
$t^*_{lab^*}=l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$

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

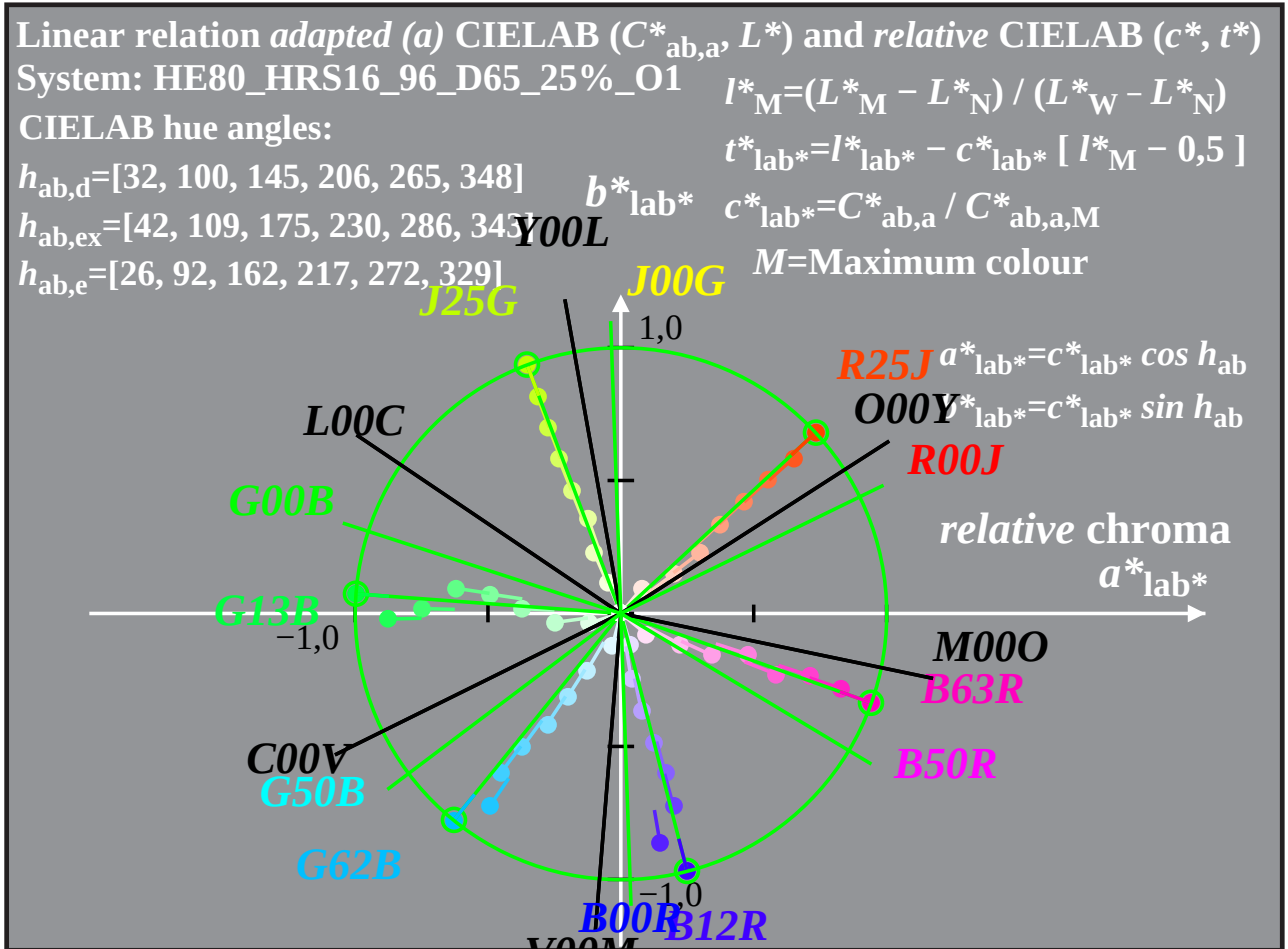
M=Maximum colour

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

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



HE801−4A, 3; cf1=0.90; nt=0.18; nx=1.0



HE801−4A, 4; cf1=0.90; nt=0.18; nx=1.0

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

System: HE80_HRS16_96_D65_50%_O0

CIELAB hue angles:

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

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

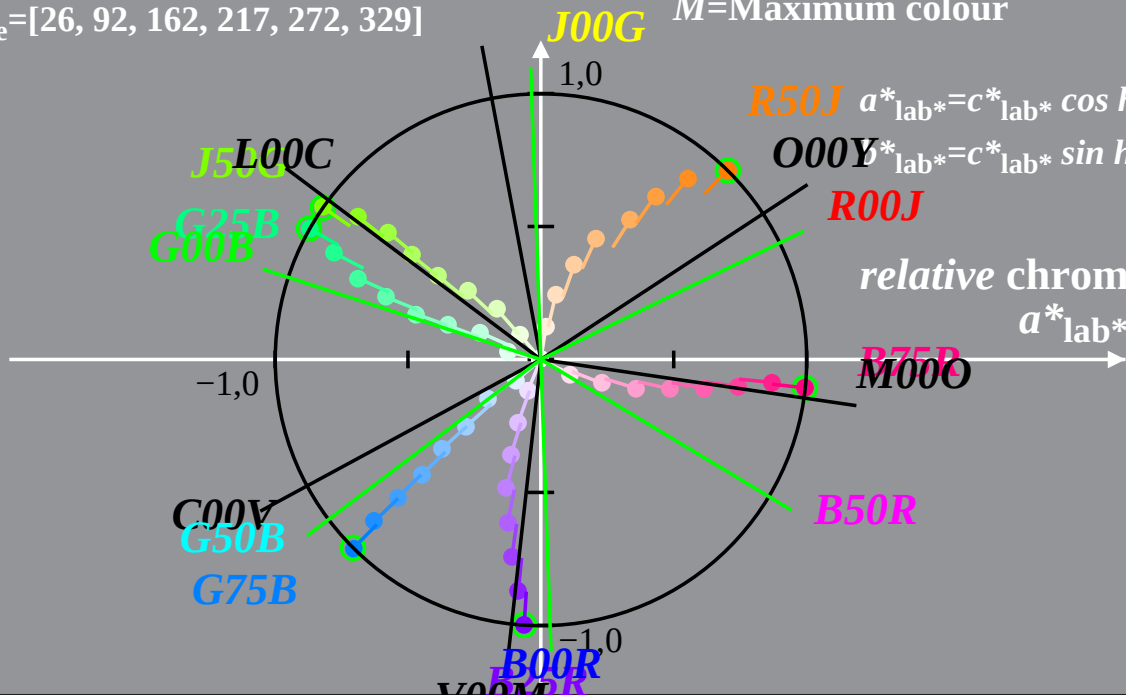
$h_{ab,e}$=[26, 92, 162, 217, 272, 329]

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

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

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

M=Maximum colour



HE801−4A, 5; cf1=0.90; nt=0.18; nx=1.0

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

System: HE80_HRS16_96_D65_50%_O1

CIELAB hue angles:

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

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

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

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

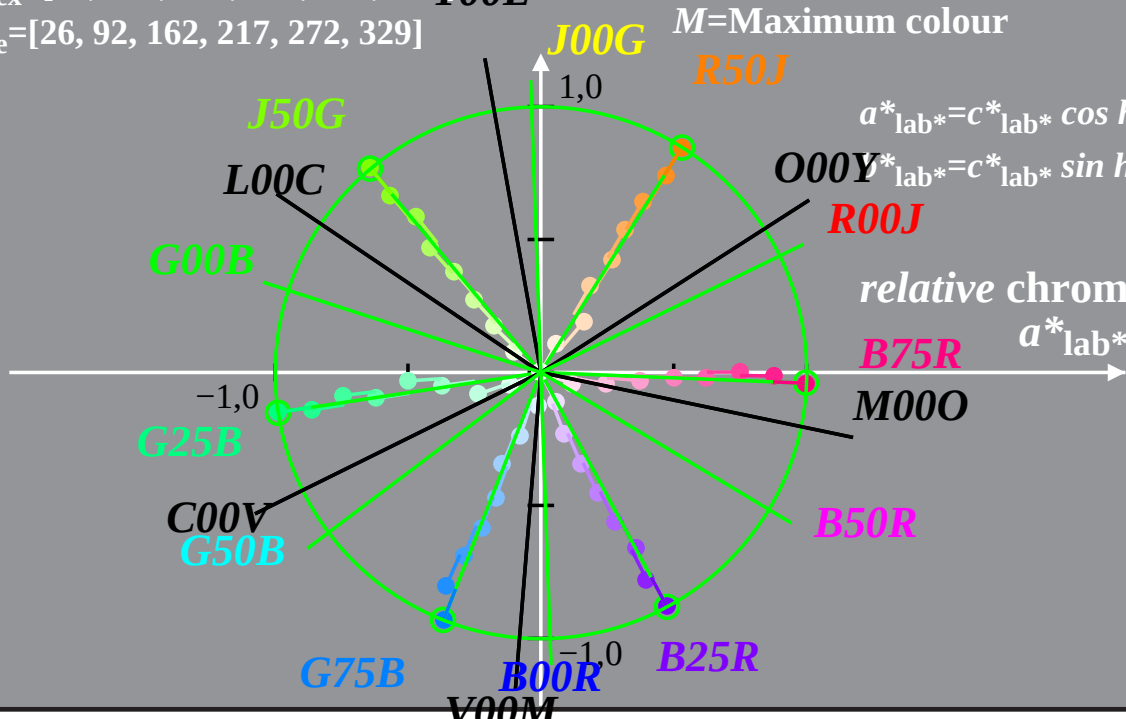
$t^*_{lab^*}=l^*_{lab^*} - c^*_{lab^*} [\, l^*_M - 0{,}5 \,]$

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

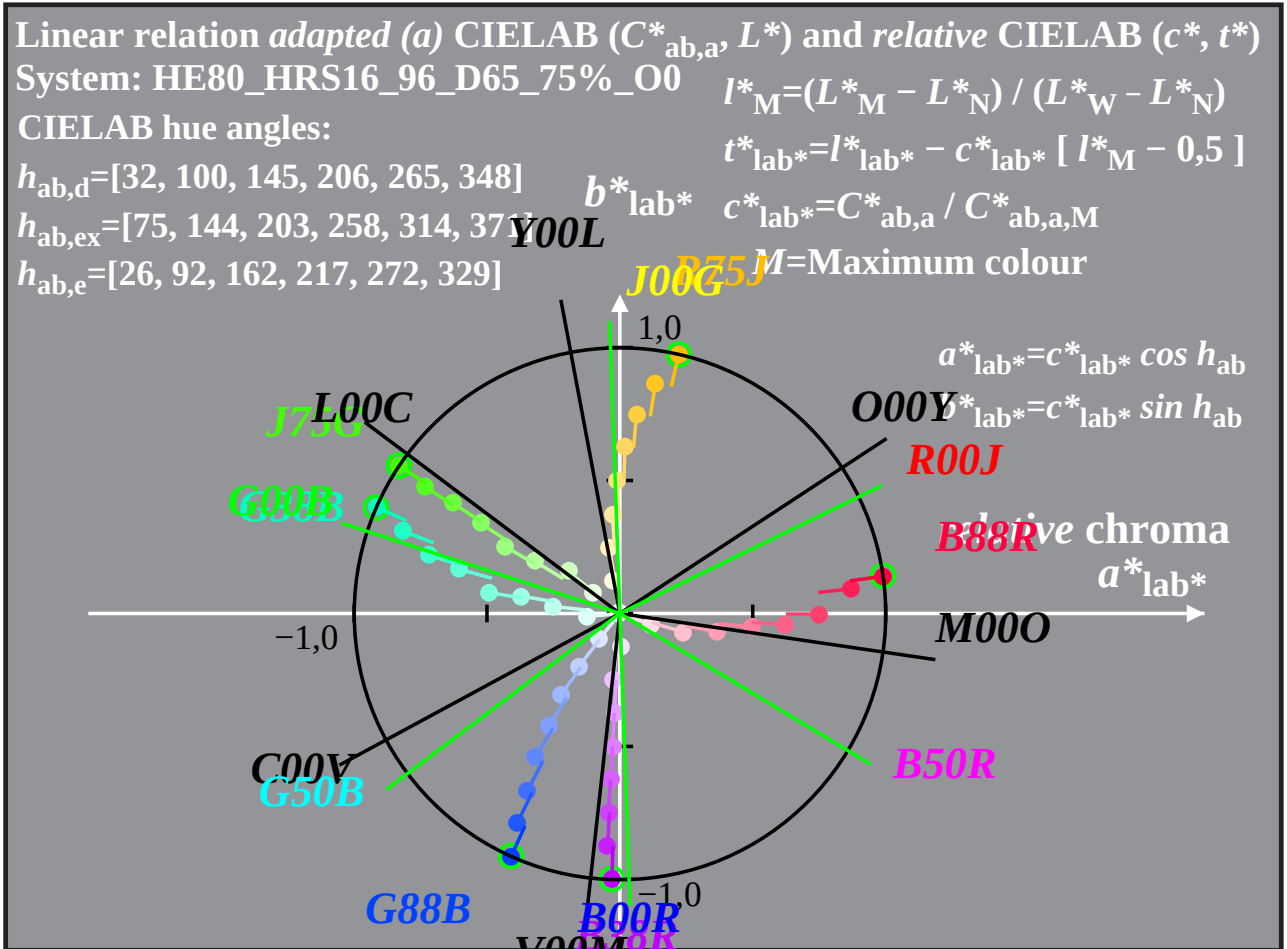
M=Maximum colour

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

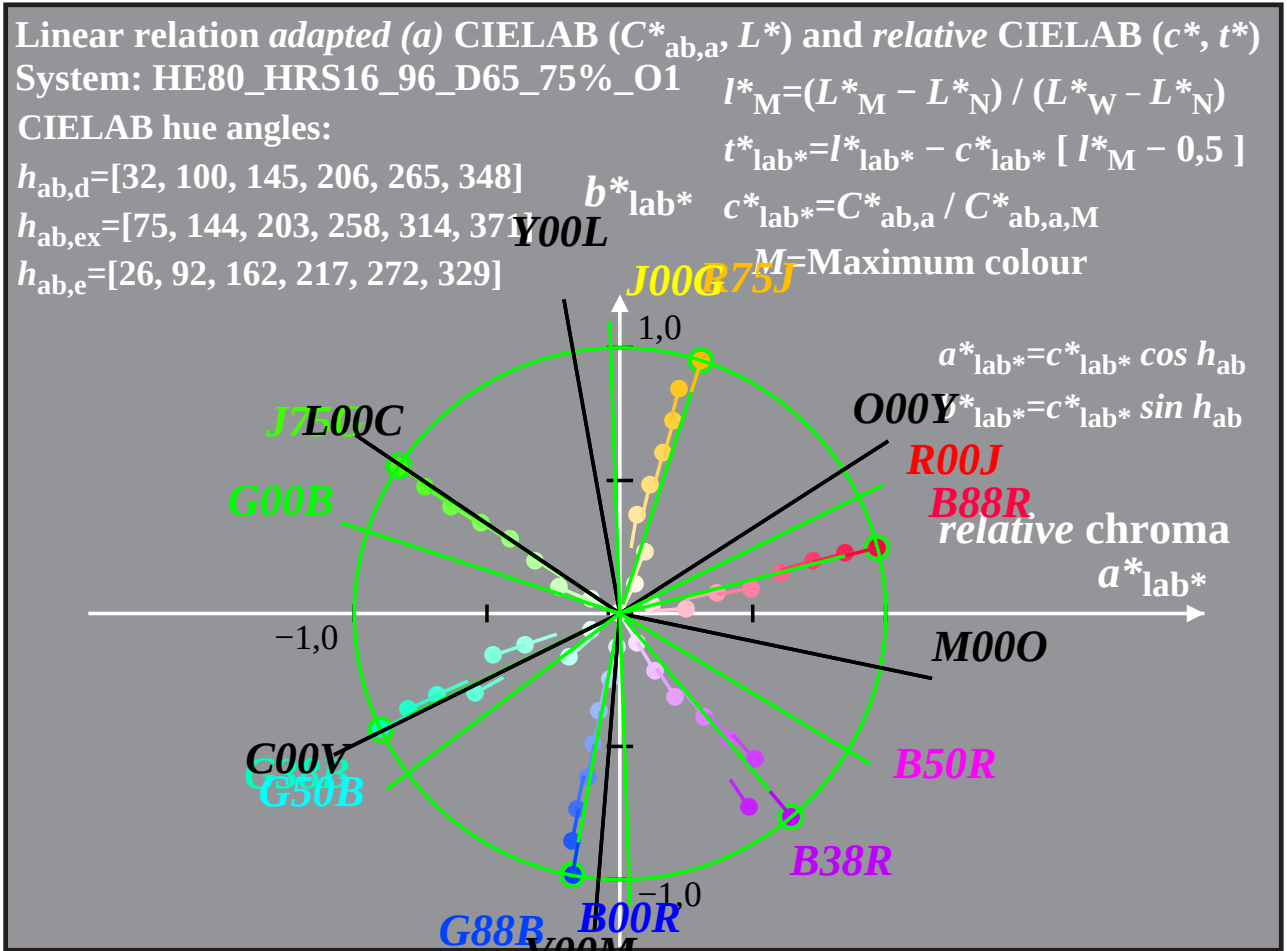
$b^*_{lab^*}=c^*_{lab^*} \sin h_{ab}$



HE801−4A, 6; cf1=0.90; nt=0.18; nx=1.0



HE801−4A, 7; cf1=0.90; nt=0.18; nx=1.0



HE801−4A, 8; cf1=0.90; nt=0.18; nx=1.0