Linear relation *adapted (a)* CIELAB ($C^*_{ab,a}$, L^*) and *relative* CIELAB (c^*, t^*)
System: GE81_HRS27_96_D65_00%_O0

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

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

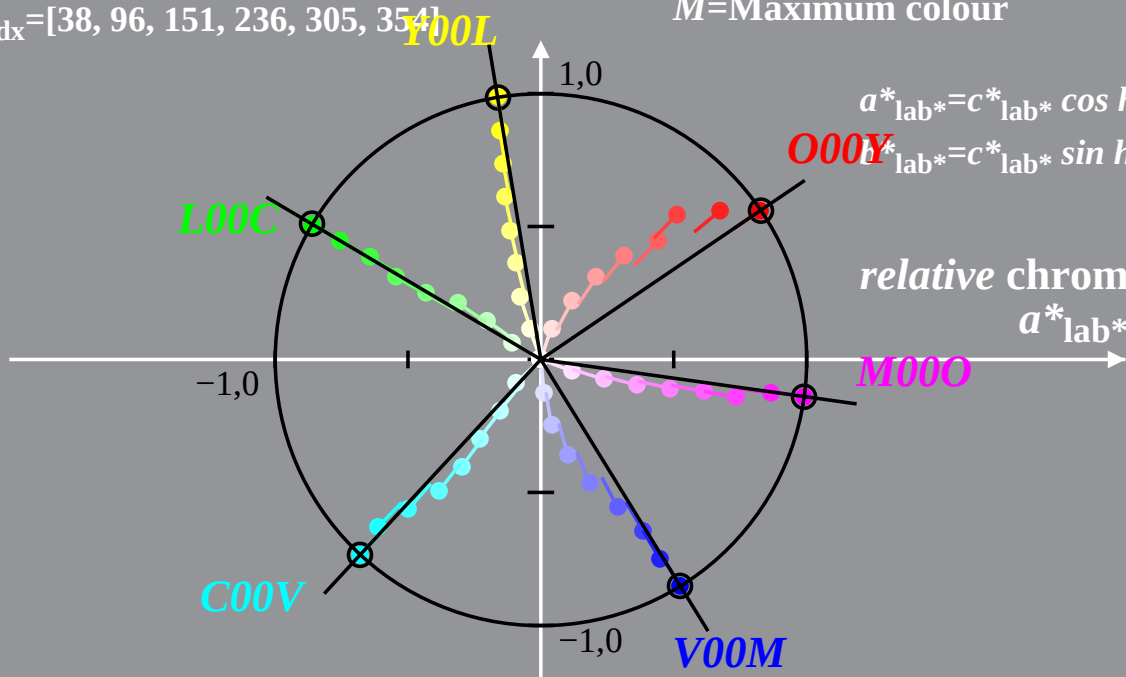
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



GE811−4A, 1; 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_00%_O1

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

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

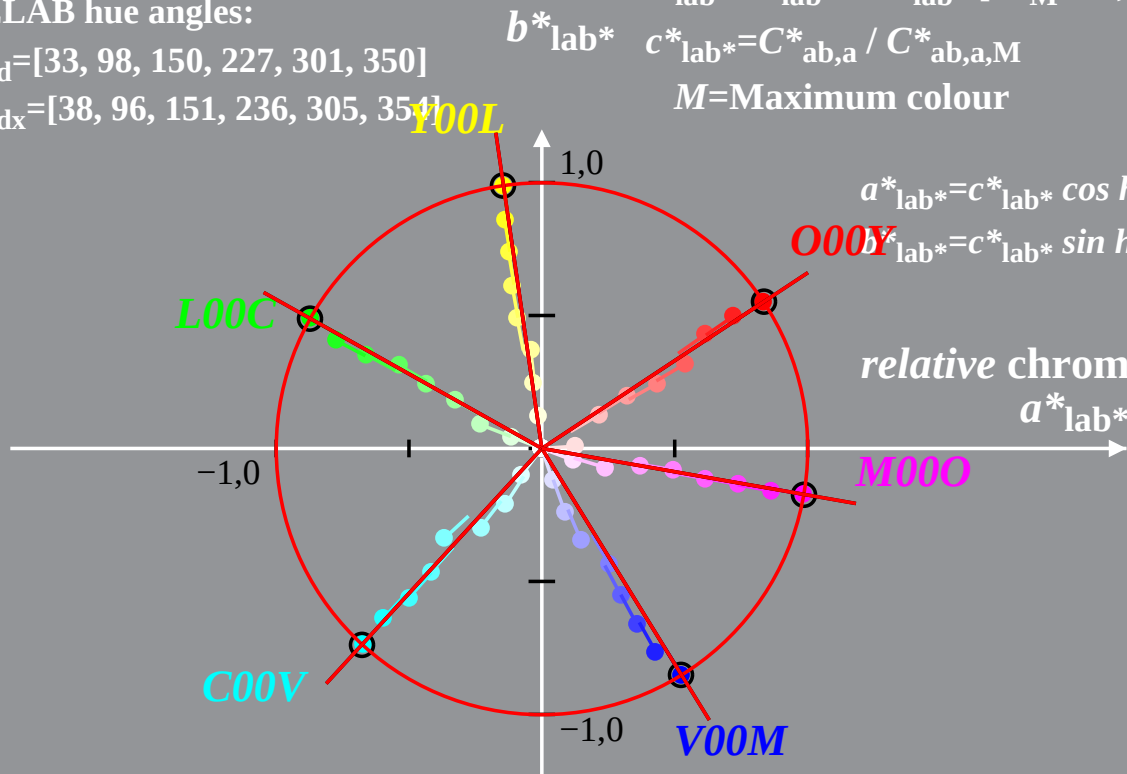
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



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

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

GE811−4A, 2; 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_25%_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:

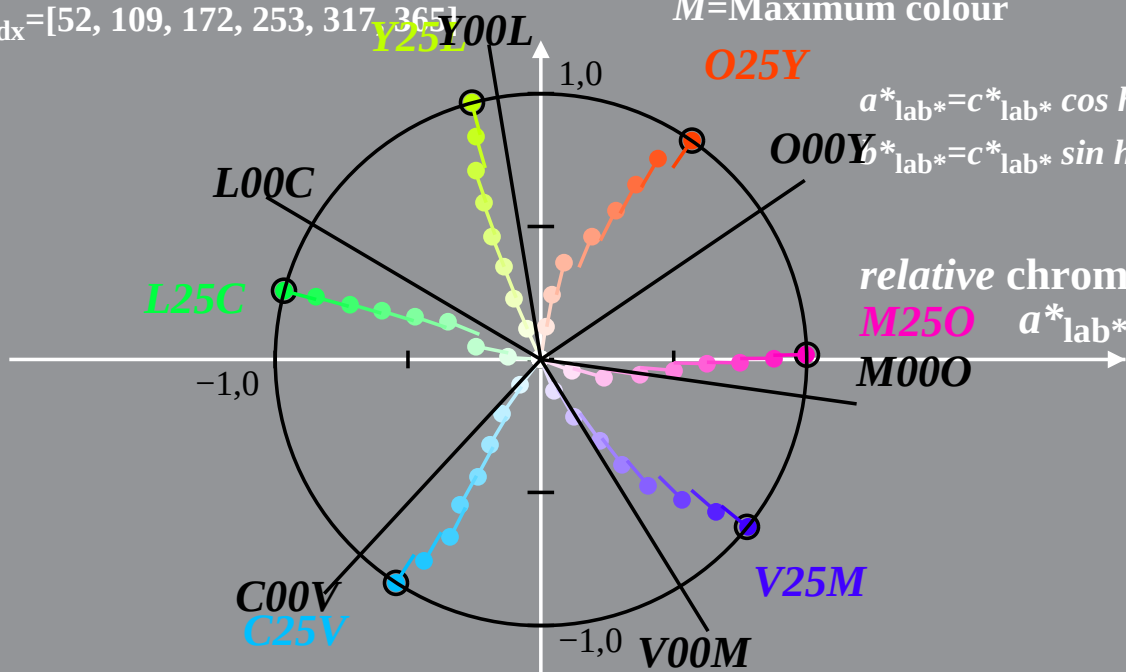
$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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

$b^*_{lab^*}$

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

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



GE811−4A, 3; 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_25%_O1

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

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

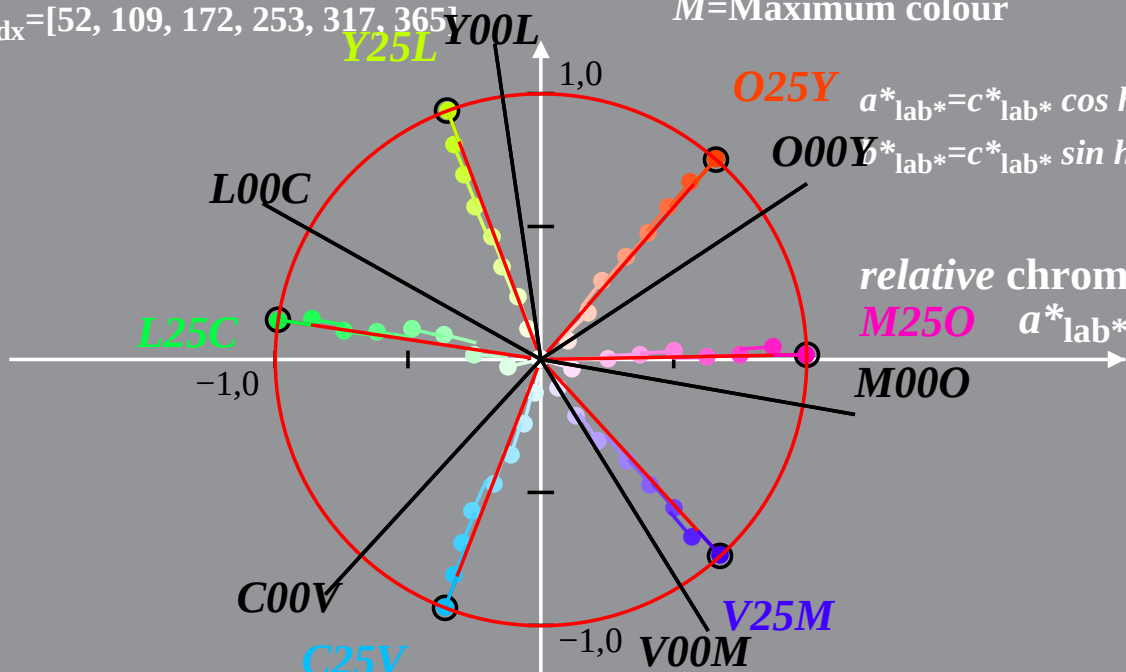
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



GE811−4A, 4; 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%_O0

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

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

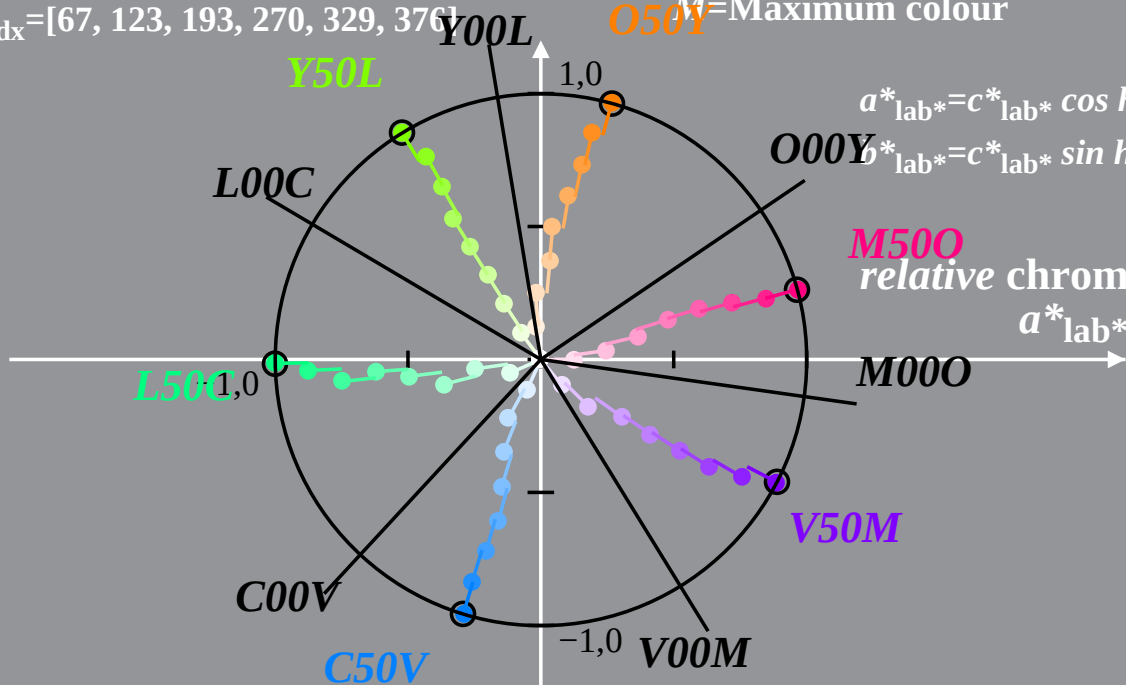
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



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

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

GE811−4A, 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

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

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

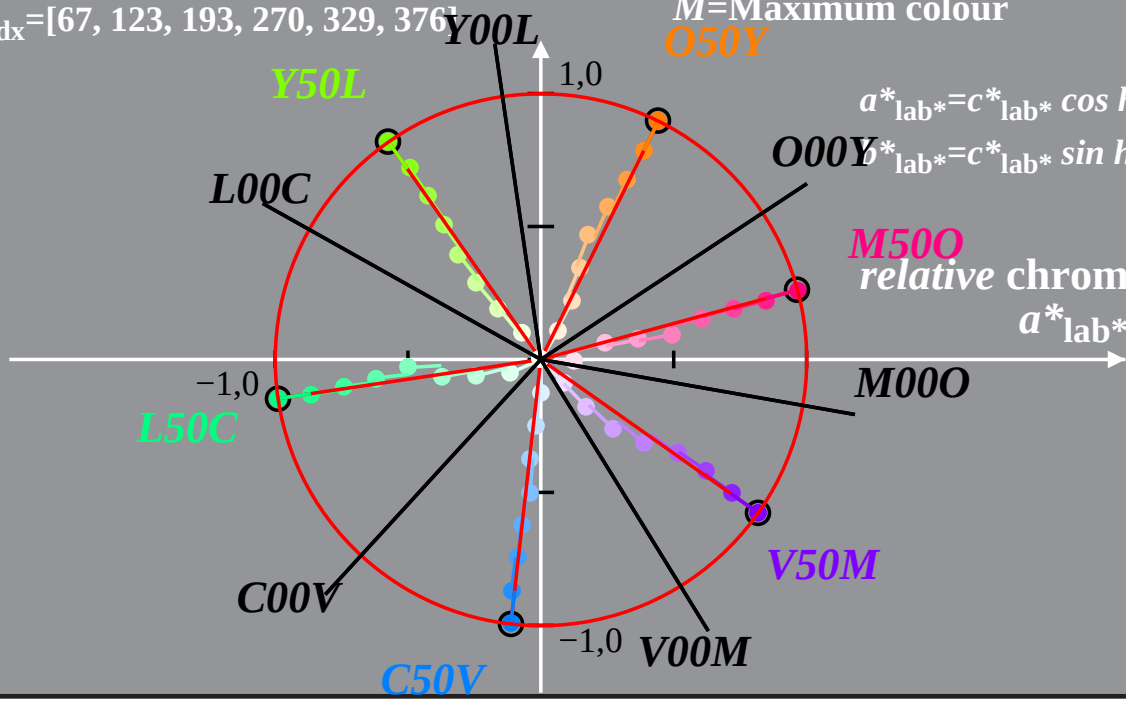
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



GE811−4A, 6; 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_75%_O0

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

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

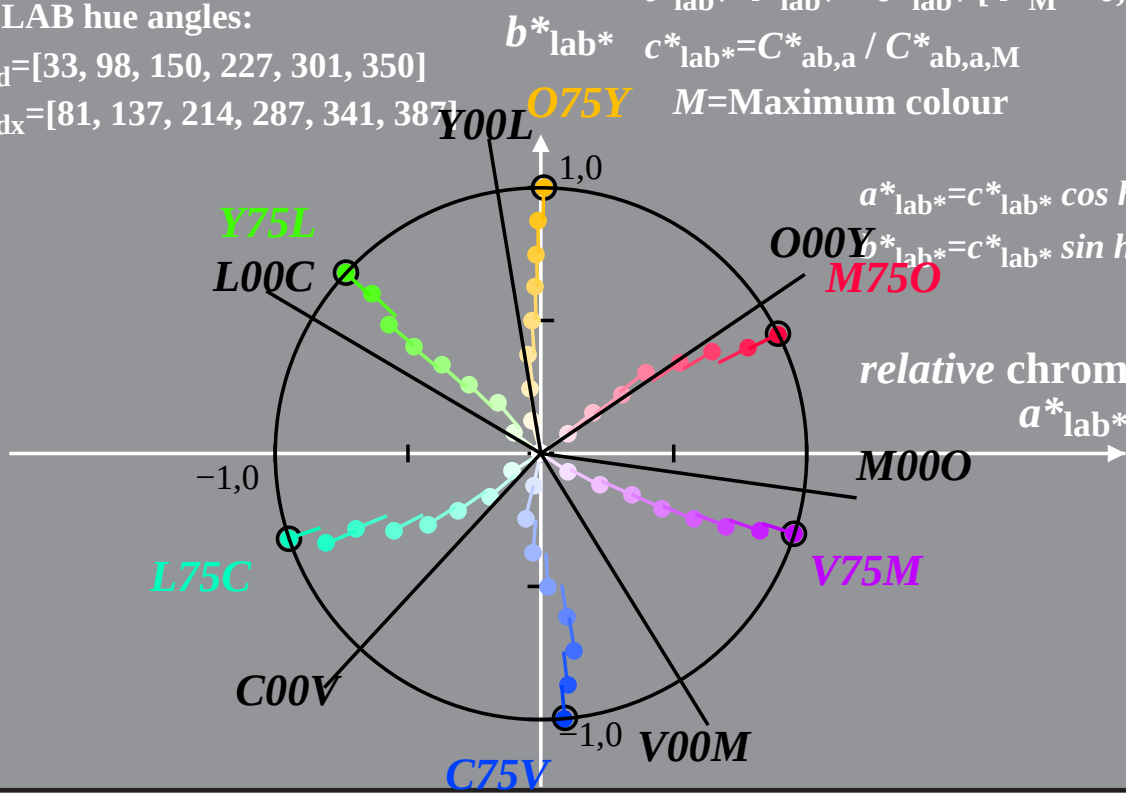
$c^*_{lab^*}=C^*_{ab,a} / C^*_{ab,a,M}$

M=Maximum colour

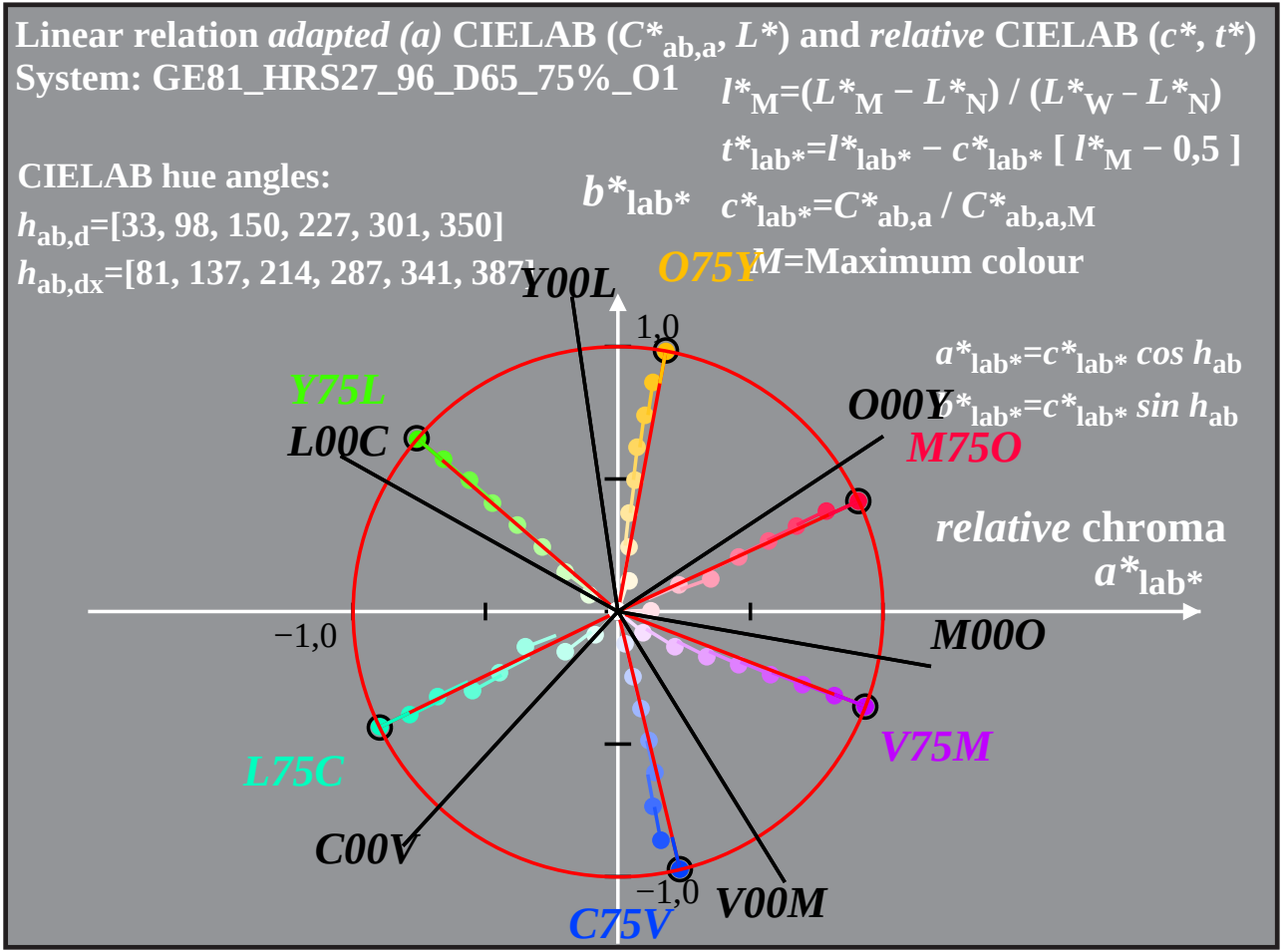
CIELAB hue angles:

$h_{ab,d}$=[33, 98, 150, 227, 301, 350]

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



GE811−4A, 7; cf1=0.95; nt=0.18; nx=1.0



GE811−4A, 8; cf1=0.95; nt=0.18; nx=1.0