Colorimetric data of six chromatic basic colours *X = OYLCVM* of a device system

colori-metric name	family	family member	coordinate kind	coordinate (compare CIELAB $L^*, C^*_{ab}, h_{ab}, a^*, b^*$)	coordinate name
standard CIELAB	***LAB****	***LAB*LCH*****$_X$ or ***LAB*LAB*****$_X$	zylindric or kartesic	***L*$_X$ = LAB*L*$_X$** ***C*$_X$ = LAB*C*$_{ab,M}$** ***H*$_X$ = LAB*h*$_{ab,M}$** ***A*$_X$ = LAB*a*$_X$** ***B*$_X$ = LAB*b*$_X$**	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	***LAB**$_a$**	***LAB*$_a$LCH*$_{a,X}$ or ***LAB*$_a$LAB*$_{a,X}$**	zylindric or kartesic	***L*$_{a,X}$ = LAB*$_a$L*$_{a,X}$** ***C*$_{a,X}$ = LAB*$_a$C*$_{a,X}$** ***H*$_{a,X}$ = LAB*$_a$H*$_{a,X}$** *(0 <= $H^*_{a,X}$ <= 360)*	adapted lightness (= L^*_X) adapted chroma adapted hue angle *(0 <= $H^*_{a,X}$ <= 360)*
relative CIELAB (r)	***lab****	***lab*lch*****$_X$ or ***lab*lab*****$_X$	zylindric or kartesic	***l*$_X$ = lab*l*$_X$** ***c*$_X$ = lab*c*$_X$** ***h*$_X$ = lab*h*$_X$** *(0,00 <= h^*_X <= 1,00)*	relative lightness relative chroma relative hue *(0,00 <= h^*_X <= 1,00)*

YE960–3

Colorimetric data of maximum colours *M* of a device system

colori-metric name	family	family member	coordinate kind	coordinate (compare CIELAB $L^*, C^*_{ab}, h_{ab}, a^*, b^*$)	coordinate name
standard CIELAB	***LAB****	***LAB*LCH*****$_M$ or ***LAB*LAB*****$_M$	zylindric or kartesic	***L*$_M$ = LAB*L*$_M$** ***C*$_M$ = LAB*C*$_{ab,M}$** ***H*$_M$ = LAB*h*$_{ab,M}$** ***A*$_M$ = LAB*a*$_M$** ***B*$_M$ = LAB*b*$_M$**	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	***LAB**$_a$**	***LAB*$_a$LCH*$_{a,M}$ or ***LAB*$_a$LAB*$_{a,M}$**	zylindric or kartesic	***L*$_{a,M}$ = LAB*$_a$L*$_{a,M}$** ***C*$_{a,M}$ = LAB*$_a$C*$_{a,M}$** ***H*$_{a,M}$ = LAB*$_a$H*$_{a,M}$** *(0 <= $H^*_{a,M}$ <= 360)*	adapted lightness (= L^*_M) adapted chroma adapted hue angle *(0 <= $H^*_{a,M}$ <= 360)*
relative CIELAB (r)	***lab****	***lab*lch*****$_M$ or ***lab*lab*****$_M$	zylindric or kartesic	***l*$_M$ = lab*l*$_M$** ***c*$_M$ = lab*c*$_M$** ***h*$_M$ = lab*h*$_M$** *(0,00 <= h^*_M <= 1,00)*	relative lightness relative chroma relative hue *(0,00 <= h^*_M <= 1,00)*

YE960–7

Colorimetric *standard* CIELAB data and linearly related *adapted* and *relative* CIELAB data

colori-metric name	family	family member	coordinate kind	coordinate (compare CIELAB $L^*, C^*_{ab}, h_{ab}, a^*, b^*$)	coordinate name
standard CIELAB	***LAB****	***LAB*LCH*** or ***LAB*LAB***	zylindric or kartesic	***L* = LAB*L*** ***C* = LAB*C*$_{ab}$** ***H* = LAB*h*$_{ab}$** ***A* = LAB*a*** ***B* = LAB*b***	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	***LAB**$_a$**	***LAB*$_a$LCH*** or ***LAB*$_a$LAB*$_a$**	zylindric or kartesic	***L*$_a$ = LAB*$_a$L*** ***C*$_a$ = LAB*$_a$C*$_a$** ***H*$_a$ = LAB*$_a$H*$_a$**	adapted lightness (= L^*) adapted chroma adapted hue angle *(0 <= H^*_a <= 360)*
relative CIELAB (r)	***lab****	***lab*lch*** or ***lab*lab*** or ***lab*ch*** or ***lab*tab***	zylindric kartesic zylindric kartesic	***l* = lab*l*** ***c* = lab*c*** ***h* = lab*h*** ***a*$_t$ = lab*a*$_t$** ***b*$_t$ = lab*b*$_t$** ***t* = lab*t***	relative lightness relative chroma relative hue relative a-red green chroma relative b-yellow blue chroma relative triangle lightness
		lab*nch or ***lab*nce*** or ***lab*ncu*** or ***lab*tce*** or ***lab*rzj***	triangle-zylindric triangle-zylindric triangle-zylindric zylindric kartesic	***n* = lab*n*** ***c* = lab*c*** ***h* = lab*h*** ***e* = lab*e*** ***u* = lab*u*** ***r* = lab*r*** ***j* = lab*j*** ***t* = lab*t***	relative blackness relative chroma relative hue relative elementary hue text relative elementary hue relative r-red green chroma relative j-yellow blue chroma relative triangle lightness
		***lab*olv*$_3$**	kartesic	***o*$_3$ = lab*o*$_3$** ***l*$_3$ = lab*l*$_3$** ***v*$_3$ = lab*v*$_3$**	relative orange red value relative leaf green value relative violet blue value
		***lab*cmy*$_3$**	kartesic	***c*$_3$ = lab*c*$_3$** ***m*$_3$ = lab*m*$_3$** ***y*$_3$ = lab*y*$_3$**	relative cyan blue value relative magenta red value relative yellow value
		***lab*rgb*$_3$**	kartesic	***r*$_3$ = lab*r*$_3$** ***g*$_3$ = lab*g*$_3$** ***b*$_3$ = lab*b*$_3$**	relative elementary red value relative elementary green value relative elementary blue value
		***lab*c'm'j'*$_3$**	kartesic	***c'*$_3$ = lab*c'*$_3$** ***m'*$_3$ = lab*m'*$_3$** ***j'*$_3$ = lab*j'*$_3$**	relative cyan blue dash value relative magenta red dash value relative elementary yellow value

YE961–7