Colorimetric data of six chromatic basic colours *X = RYGCBM* of a device (d) or elementary (e) 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*** $_X$	cylindrical or kartesic	$L^*_X = LAB*L^*_X$ $C^*_X = LAB*C^*_{ab,X}$ $H^*_X = LAB*h_{ab,M}$ $A^*_X = LAB*a^*_X$ $B^*_X = LAB*b^*_X$	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	***LAB**** $_a$	***LAB*$_a$LCH*** $_{a,X}$ or ***LAB*$_a$LAB*** $_{a,X}$	cylindrical or kartesic	$L^*_{a,X} = LAB*_aL^*_{a,X}$ $C^*_{a,X} = LAB*_aC^*_{a,X}$ $H^*_{a,X} = LAB*_aH^*_{a,X}$	adapted lightness ($= L^*_X$) adapted chroma adapted hue angle ($0 <= H^*_{a,X} <= 360$)
relative CIELAB (r)	***lab****	***lab*lch*** $_X$ or ***lab*lab*** $_X$	cylindrical or kartesic	$l^*_X = lab*l^*_X$ $c^*_X = lab*c^*_X$ $h^*_X = lab*h^*_X$	relative lightness relative chroma relative hue ($0,00 <= h^*_X <= 1,00$)

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Colorimetric data of maximum colours *M* of a device (d) or elementary (e) 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*** $_M$	cylindrical 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*** $_{a,M}$	cylindrical or kartesic	$L^*_{a,M} = LAB*_aL^*_{a,M}$ $C^*_{a,M} = LAB*_aC^*_{a,M}$ $H^*_{a,M} = LAB*_aH^*_{a,M}$	adapted lightness ($= L^*_M$) adapted chroma adapted hue angle ($0 <= H^*_{a,M} <= 360$)
relative CIELAB (r)	***lab****	***lab*lch*** $_M$ or ***lab*lab*** $_M$	cylindrical or kartesic	$l^*_M = lab*l^*_M$ $c^*_M = lab*c^*_M$ $h^*_M = lab*h^*_M$	relative lightness relative chroma relative hue ($0,00 <= h^*_M <= 1,00$)

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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***	cylindrical 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*** $_a$ or ***LAB*$_a$LAB*** $_a$	cylindrical or kartesic	$L^*_a = LAB*_aL^*_a$ $C^*_a = LAB*_aC^*_a$ $H^*_a = LAB*_aH^*_a$	adapted lightness ($= L^*$) adapted chroma adapted hue angle ($0 <= H^*_a <= 360$)
relative CIELAB (r)	***lab****	***lab*lch*** or ***lab*lab*** or ***lab*tch*** or ***lab*tab***	cylindrical kartesic cylindrical kartesic	***l* = lab*l** ***c* = lab*c** ***h* = lab*h** ***a* = lab*a**** ***b* = lab*b**** ***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*try***	triangle-cylindrical triangle-cylindrical triangle-cylindrical cylindrical kartesic	***n* = lab*n**** ***c* = lab*c**** ***h* = lab*h**** ***e* = lab*e**** ***u* = lab*u**** ***r* = lab*r**** ***y* = lab*y**** ***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*rgb*$_d$	kartesic	***r*$_d$ = lab*r*$_d$*** ***g*$_d$ = lab*g*$_d$*** ***b*$_d$ = lab*b*$_d$***	relative device red relative device green relative device blue
		lab*cmy*$_d$	kartesic	***c*$_d$ = lab*c*$_d$*** ***m*$_d$ = lab*m*$_d$*** ***y*$_d$ = lab*y*$_d$***	relative device cyan relative device magenta relative device yellow
		lab*rgb*$_e$	kartesic	***r*$_e$ = lab*r*$_e$*** ***g*$_e$ = lab*g*$_e$*** ***b*$_e$ = lab*b*$_e$***	relative elementary red relative elementary green relative elementary blue
		lab*cmy*$_e$	kartesic	***c*$_e$ = lab*c*$_e$*** ***m*$_e$ = lab*m*$_e$*** ***y*$_e$ = lab*y*$_e$***	relative elementary cyan relative elementary magenta relative elementary yellow

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