

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
<i>standard</i> 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
<i>adapted</i> CIELAB (a)	LAB^*_a	$LAB^*_aLCH^*_{a,M}$ or $LAB^*_aLAB^*_{a,M}$	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 ($0 \leq H^*_{a,M} \leq 360$)
<i>relative</i> 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 ($0,00 \leq h^*_M \leq 1,00$)