

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^*	$LAB_a^*LCH_{a,M}^*$ or $LAB_a^*LAB_{a,M}^*$	cylindrical or kartesic	$L_{a,M}^* = LAB_a^*L_{a,M}^*$ $C_{a,M}^* = LAB_a^*C_{a,M}^*$ $H_{a,M}^* = LAB_a^*H_{a,M}^*$	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 ($0,00 \leq h_M^* \leq 1,00$)