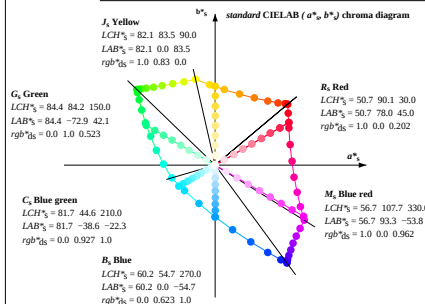
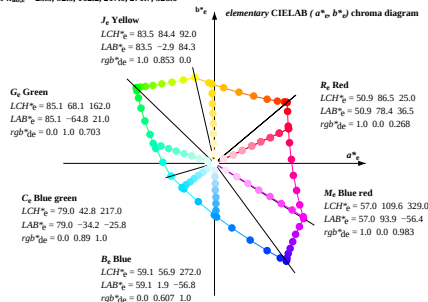
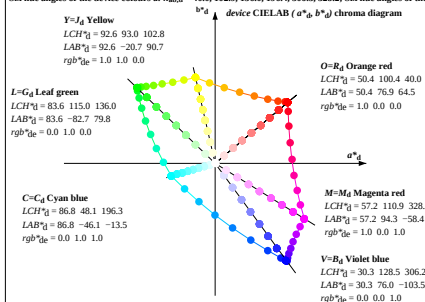


Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours $s: h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Six hue angles of the device colours $d: h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$; Six hue angles of the elementary colours $e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_e, b^*_e), (a^*_s, b^*_s)

- For the rgb^*_de -input values the CIELAB data LCH^*_d and LAB^*_d have been calculated.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_de the equation:

$$h_{ab,s} = \arctan \left(\frac{r^*_d \cos(150) + g^*_d \cos(150)}{r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)} \right) \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours $s: h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,5$) and the equations for a 48 and 360 step hue circle:

$$h_{288ab,sj} = h_{ab,s} + j |h_{ab,s,i+1} - h_{ab,s,i}| / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sj} = h_{ab,s} + j |h_{ab,s,i+1} - h_{ab,s,i}| / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours $e: h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,5$) and the equations for a 48 and 360 step elementary hue circle:

$$h_{288ab,ej} = h_{ab,e} + j |h_{ab,e,i+1} - h_{ab,e,i}| / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,ej} = h_{ab,e} + j |h_{ab,e,i+1} - h_{ab,e,i}| / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 3.
- The values rgb^*_de produce the output of the device-independent elementary hues