

CIELAB camera
CIELAB scanner
or
xy-CIELAB
colour measurement

(a)chromatic
camera/scanner output
file with CIELAB
pixel coordinates
 LAB^* or lab^*

CIELAB to
 olv^* , cmv^*
 rgb^* , tch^*
Transfer

(a)chromatic
camera/scanner output
file with standard
pixel coordinates
 olv^* , cmv^* , rgb^* , tch^*

multi
spectral
technique

Image comparison:
(Digital images)

standard CIELAB (LAB^*)
relative CIELAB (lab^*)
colorimetric specification

Image comparison:
(Digital images)

olv^* , cmv^* , rgb^* , tch^*
colorimetric
specification

Analog (a)chromatic
ISO/IEC-test charts
 LAB^* or lab^*
 olv^* or cmv^*
 rgb^* or tch^*

(a)chromatic
ISO/IEC-test chart
file with CIELAB
pixel coordinates
 LAB^* or lab^*

CIELAB to
 olv^* , cmv^*
 rgb^* , tch^*
Transfer

(a)chromatic
ISO/IEC-test charts
file with standard
pixel coordinates
 olv^* , cmv^* , rgb^* , tch^*