

Output – Input – Output: A loop for relative colour fidelity

*ISO reference file
with 729 rgb data,
device output
linearization*

image process
digital $\rightarrow$ analog
hardware
printer, offset,
display, projector
 $rgb^* \rightarrow LCh^*$

image process
digital $\rightarrow$ digital
software
ICC Look_Up
table or similar
 $rgb \rightarrow rgb^*$

LCh^*

visual test
elementary hue (Y/N)?
equal spacing (Y/N)?
use colours in
column *b* to *j*

image process
analog $\rightarrow$ digital
hardware
colour scanner,
colour camera
 $LCh^* \rightarrow rgb$

input
linearization
 $rgb \rightarrow rgb^*$

rgb^*

rgb