

**ISO colour file and loop: file -> print -> scan -> file**

use ISO file with 729 (=9x9x9) colours, and with 9 and 16 step grey scales:  
[http://standards.iso.org/iso/9241/306/ed-2/AE49/AE49RFPX\\_CY8\\_1.PDF](http://standards.iso.org/iso/9241/306/ed-2/AE49/AE49RFPX_CY8_1.PDF)

**ISO colour file, and OLM16 method for device output linearization**

ISO file  
 with  $rgb^*$  colour data

image process  
 digital -> analog  
 hardware  
 colour display  
 printer or offset  
 $rgb^* \rightarrow LCh^*$

image process  
 digital -> digital  
 software  
 ICC Look\_Up  
 table or similar  
 $rgb \rightarrow rgb^*$

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

visual test: equal  
 relative spacing (Y/N)?  
 use colours in  
 column  $b$  to  $j$

ISO files with equally spaced color scales:  
<http://standards.iso.org/iso/9241/306/ed-2/index.html>  
<http://standards.iso.org/iso-iec/15775/ed-2/en>

fea00-3n, CEI40-3N

**ISO colour file and loop: file -> print -> scan -> file**

use ISO file with 16 step colour scales: W\_R(O), W\_G(L), W\_B(V), W\_N  
<http://standards.iso.org/iso-iec/15775/ed-2/en> see Test\_Chart\_4.PDF

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 relative spacing (Y/N)?  
 use the 16 step colour  
 series in Picture D4

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fea01-3n, CEI41-3N

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