

**The visual 16 step spacing depends on hardware, software,  
and environment, for example on screen reflections of ambient light**

computer display,  
for example LCD

prepare 8 gamma values  
2,40 2,22, ..., 1,32, 1,14  
for computer display output  
in computer operating system

and/or external display,  
for example VGA

prepare 8 gamma values  
1,75, 2,00, ..., 3,25, 3,50  
for external display output  
in computer operating system

Start

Use the achromatic file which produces one page:  
[http://farbe.li.tu-berlin.de/AS06/AS06F0PX\\_CY8\\_1.PDF](http://farbe.li.tu-berlin.de/AS06/AS06F0PX_CY8_1.PDF)  
or use a chromatic file with an image:  
[http://farbe.li.tu-berlin.de/AS17/AS17F0PX\\_CY8\\_1.PDF](http://farbe.li.tu-berlin.de/AS17/AS17F0PX_CY8_1.PDF)

computer  
display

Use start gamma value 2,4  
or next gamma value  
2,22, 2,04, ..., 1,32, 1,14

and/or external  
display

Use start gamma value 1,75  
or next gamma value  
2,00, 2,25, ..., 3,25, 3,50

Are the  
16 greys  
visually  
equally  
spaced?

Si

Start of  
visual ISO method  
for evaluation of  
ISO-test  
chart output

No

Last of  
all gamma  
values?

Si

Stop: test failure

No

Try method with 8 increasing gamma values:  
2,40 2,58, 2,76, 2,94, 3,12, 3,30, ...  
instead of 8 decreasing gamma values 2,40 2,22, ...

AS840-7N

gráfico TUB-AS84; Display Output Linearization  
Change of gamma values according to ISO 9241-306

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Start

Use the achromatic file which produces one page:  
[http://standards.iso.org/iso/9241/306/ed-2/AS06/AS06F0PX\\_CY8\\_1.PDF](http://standards.iso.org/iso/9241/306/ed-2/AS06/AS06F0PX_CY8_1.PDF)  
or use a chromatic file with an image:  
[http://standards.iso.org/iso/9241/306/ed-2/AS17/AS17F0PX\\_CY8\\_1.PDF](http://standards.iso.org/iso/9241/306/ed-2/AS17/AS17F0PX_CY8_1.PDF)

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or next gamma value  
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Use start gamma value 1,75  
or next gamma value  
2,00, 2,25, ..., 3,25, 3,50

Are the  
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Last of  
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Si

Stop: test failure

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AS841-7N

entrada: w/rgb/cmyk -> w/rgb/cmyk\_  
salida: ningún cambio