

```

$*****
%BEG special definitions of Local (L) gamma and xyreh_1024
/gammali 21 array def
/gammali %rel. gamma according to ISO 9241-306:2018
%0 1 2 3 4 5 6 7
%10 0.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000
%8 9 10 11 12 13 14 15
%1000 1.081 1.176 1.290 1.428 1.600 1.818 2.105
%16 17 18 19 20
%2000 0.500 1.500 0.666 1.000] def

/indexli 07 def
/gamma gammali indexli get def
/xrehj 1024 array def /yrehj 1024 array def
/xinhj 1024 array def /yinhj 1024 array def

%calculation of the table xyreh_1024 (h=hex) of real values (reh) with gamma
0 1 1023 {/j exch def %j=0,1023
  xrehj } }
  yrehj } } 1023 div gamma exp 1023 mul cvi put
  } for %j=0,1023 put
%END special definitions of Local (L) gamma and xyreh_1024

/IMR-0000L {%BEG IMR-0000L special and standard definitions of Local (L) procedure
%BEG special definitions of FF_LM_L
/FF_LM_xchartg_gammal {/yed exch def
  /yeh yed 1023 mul cvi def
  /xinh yrehj yeh get def
  /inh 1023 div
  } def
%END special definitions of FF_LM_L

%BEG standard definitions of FF_LM_L
/FF_LM_setgrayL0 {setgray} bind def
/FF_LM_setrgbcolorL0 {setrgbcolor} bind def
/FF_LM_setcmkcolorL0 {setcmkcolor} bind def
/FF_LM_transferL0 {settransfer} bind def
/FF_LM_colortransferL0 {setcolortransfer} bind def

/setgray {%BEG procedure setgrayL
  dup dup FF_LM_setrgbcolorL
  } def %END procedure setgrayL

/setcmkcolor {%BEG procedure setcmkcolorL
  /FF_LM_kL exch def /FF_LM_yL exch def
  /FF_LM_mL exch def /FF_LM_cL exch def
  FF_LM_kL 0 eq {1 FF_LM_cL sub 1 FF_LM_mL sub
    1 FF_LM_yL sub FF_LM_setrgbcolorL}
  {1 FF_LM_kL sub dup dup
    FF_LM_setrgbcolorL} ifelse
  } def %END procedure setcmkcolorL

/setrgbcolor {%BEG procedure setrgbcolorL
  /FF_LM_bL exch def /FF_LM_gL exch def
  /FF_LM_rL exch def
  FF_LM_rL FF_LM_gL FF_LM_bL
  FF_LM_setrgbcolorL
  } def %BEG procedure setrgbcolorL

/FF_LM_setrgbcolorL {%BEG FF_LM_setrgbcolorL
  /FF_LM_b0L exch def /FF_LM_g0L exch def
  /FF_LM_r0L exch def
  FF_LM_r0L 0 le {/FF_LM_r0L 0.0001 def} if
  FF_LM_g0L 0 le {/FF_LM_g0L 0.0001 def} if
  FF_LM_b0L 0 le {/FF_LM_b0L 0.0001 def} if
  /FF_LM_r1P FF_LM_r0L FF_LM_xchartg_gammal def
  /FF_LM_g1P FF_LM_g0L FF_LM_xchartg_gammal def
  /FF_LM_b1P FF_LM_b0L FF_LM_xchartg_gammal def
  /FF_LM_r1L FF_LM_g1L FF_LM_b1L
  FF_LM_setrgbcolorL0} def %END FF_LM_setrgbcolorL

/FF_LM_transferL {%BEG FF_LM_transferL
  /FF_LM_xchartg_gammal
  /FF_LM_transferL0} def %END FF_LM_transferL
/settransfer {FF_LM_transferL} def

/FF_LM_colortransferL {%BEG FF_LM_colortransferL
  /FF_LM_xchartg_gammal {FF_LM_xchartg_gammal}
  /FF_LM_xchartg_gammal
  /FF_LM_colortransferL0} def
%END FF_LM_colortransferL
/setcolortransfer {FF_LM_colortransferL} def
%END standard definitions of FF_LM_L
} def %END IMR-0000L special and standard definitions of Local (L) procedure

/iproclmr 1 def
iproclmr 1 eq {IMR-0000L} if
$*****

```

Beispiel-EPS-Code für EPS-Bilder, vergl.  
<http://farbe.li.tu-berlin.de/fgk9/fgk9f1p0.txt>  
<http://farbe.li.tu-berlin.de/fgk9/fgk9f1p0.pdf>  
 Externe Werte der Rahmendatei (FF):  
 xchart=0, 1, ..., 15  
 für den Bereich 0,475 <= gammal. <=2,105  
 und inverse Paare 2-0,5 und 1,5-0,666.

0 <= indexli <= 20  
 Definition von gamma(indexLi).

Berechnung der Tabelle xyreh\_1024  
 für den Wert gamma=gammali(indexLi).

Anwendung der Tabelle xyreh\_1024  
 für die schnelle Linearisierungsmethode  
 der inversen linearisierten Ausgabe.

Die folgenden Normdefinitionen der  
 Rahmendatei-Linearisierungsmethode (FF\_LM\_L)  
 dienen für Vektor- und Pixelgrafik.  
 Die Definitionen sind in vielen Dateien gleich.

Änderung setgray -> FF\_LM\_setrgbcolorL.

Änderung setcmkcolor -> FF\_LM\_setrgbcolorL.

Änderung setrgbcolor -> FF\_LM\_setrgbcolorL.

Änderung FF\_LM\_setrgbcolorL -> FF\_LM\_setrgbcolorL0.

Änderung settransferL -> FF\_LM\_settransferL0.

Änderung setcolortransferL -> FF\_LM\_setcolortransferL0.