

```

%*****
%BEG special definitions of Local (L) gamma and xyreh_1024
/gammali 21 array def
/gammali %rel. gamma according to ISO 9241-306:2018
%8 1 2 3 4 5 6 7
%8 0.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000
%8 9 10 11 12 13 14 15
%8 1.000 1.081 1.176 1.290 1.428 1.600 1.818 2.105
%16 17 18 19 20
%8 2.000 0.500 1.500 0.666 1.000] def

/indexLi 87 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 %}=0,1023
    xrehj j j
    yrehj j j 1023 div gamma exp 1023 mul cvi put
    } for %}=0,1023
%END special definitions of Local (L) gamma and xyreh_1024

/1MR-0000L (%BEG 1MR-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
    /xinh 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_setcmykcolorL0 {setcmykcolor} 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

/setcmykcolor (%BEG procedure setcmykcolorL
    /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 setcmykcolorL

/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_r1F FF_LM_r0L FF_LM_xchartg_gammal def
    /FF_LM_g1F FF_LM_g0L FF_LM_xchartg_gammal def
    /FF_LM_b1F 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 1MR-0000L special and standard definitions of Local (L) procedure

/iprociMR 1 def
iprociMR 1 eq {1MR-0000L} if
%*****

```

Beispiel-EPS-Code für EPS-Bilder, vergl.
<http://farbe.li.tu-berlin.de/fgk9/fgk9fp0.txt>
<http://farbe.li.tu-berlin.de/fgk9/fgk9fp0.pdf>
 Externe Werte der Rahmendatei (FF):
 xchart=0, 1, ..., 15
 für den Bereich 0,475 <= gammali <= 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 setcmykcolor -> 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.