

Siehe ähnliche Dateien der ganzen Serie: <http://farbe.li.tu-berlin.de/ggms.htm>
 Technische Information: <http://farbe.li.tu-berlin.de> oder <http://color.li.tu-berlin.de>

TUB-Registrierung: 20240701-ggm0/ggm010np.pdf / .ps
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe
 TUB-Material: Code=rha4ta

```

%*****
%BEG Frame File Linearization Method (FF_LM)
%Combined transfers: setgray, setrgbcolor, setcmykcolor
% and settransfer, setcolortransfer

/FF_LM_setgrayF0 {setgray} bind def
/FF_LM_setrgbcolorF0 {setrgbcolor} bind def
/FF_LM_setcmykcolorF0 {setcmykcolor} bind def
/FF_LM_transferF0 {settransfer} bind def
/FF_LM_colortransferF0 {setcolortransfer} bind def
/gammaFi 21 array def
/gammaFi {rel. gamma according to ISO 9241-306:2018
%0/8 1/9 2/10 3/11 4/12 5/13 6/14 7/15
[0.475 0.550 0.625 0.700 0.775 0.849 0.924 1.000
1.000 1.081 1.176 1.290 1.428 1.600 1.818 2.105
%additional gammaFi 16 17 18 19 20
2.000 0.500 1.600 0.666 1.000] def

/FF_LM_xchart_gammaF {/xchart where {pop gammaFi xchart get exp} def

/FF_LM_setrgbcolorF {%FF_LM_setrgbcolorF
/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_xchart_gammaF def
/FF_LM_g1F FF_LM_g0L FF_LM_xchart_gammaF def
/FF_LM_b1F FF_LM_b0L FF_LM_xchart_gammaF def
FF_LM_r1F FF_LM_g1F FF_LM_b1F
FF_LM_setrgbcolorF0
} def %FF_LM_setrgbcolorF

/FF_LM_transferF {{FF_LM_xchart_gammaF} FF_LM_transferF0} def

/FF_LM_colortransferF {{FF_LM_xchart_gammaF} {FF_LM_xchart_gammaF}
{FF_LM_xchart_gammaF} FF_LM_colortransferF0} def

%*****
    
```

Beispiel-EPS-Code für EPS-Bilder, vergleiche
<http://farbe.li.tu-berlin.de/ggm1/ggm1fp0.txt>
<http://farbe.li.tu-berlin.de/ggm1/ggm1fp0.pdf>

Externe Werte der Rahmendatei (FF):
 xchart=0, 1, ..., 8
 für den Bereich 0,5 <= gammaF >=2

20 Beispiel-Gamma-Werte

ggm00-3n

```

%*****
%BEG Frame File Linearization Method (FF_LM)
%Combined transfers: setgray, setrgbcolor, setcmykcolor
% and settransfer, setcolortransfer

/FF_LM_setgrayF0 {setgray} bind def
/FF_LM_setrgbcolorF0 {setrgbcolor} bind def
/FF_LM_setcmykcolorF0 {setcmykcolor} bind def
/FF_LM_transferF0 {settransfer} bind def
/FF_LM_colortransferF0 {setcolortransfer} bind def
/FF_LM_xchart_gammaF {/xchart where {pop /xchartN xchart 8 idiv def
/xchartP xchart
xchart 8 idiv 8 mul sub def}
{/xchartN 2.0 def %default
/xchartP 0.5 def} ifelse
/gammaF 2.4 xchartP 0.18 mul sub 2.4 div
1 2.4 xchartN 0.18 mul sub 2.4 div mul def
gammaF exp gammaR mul
} def

/FF_LM_setrgbcolorF {%FF_LM_setrgbcolorF
/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_xchart_gammaF def
/FF_LM_g1F FF_LM_g0L FF_LM_xchart_gammaF def
/FF_LM_b1F FF_LM_b0L FF_LM_xchart_gammaF def
FF_LM_r1F FF_LM_g1F FF_LM_b1F
FF_LM_setrgbcolorF0
} def %FF_LM_setrgbcolorF

/FF_LM_transferF {{FF_LM_xchart_gammaF} FF_LM_transferF0} def

/FF_LM_colortransferF {{FF_LM_xchart_gammaF} {FF_LM_xchart_gammaF}
{FF_LM_xchart_gammaF} FF_LM_colortransferF0} def

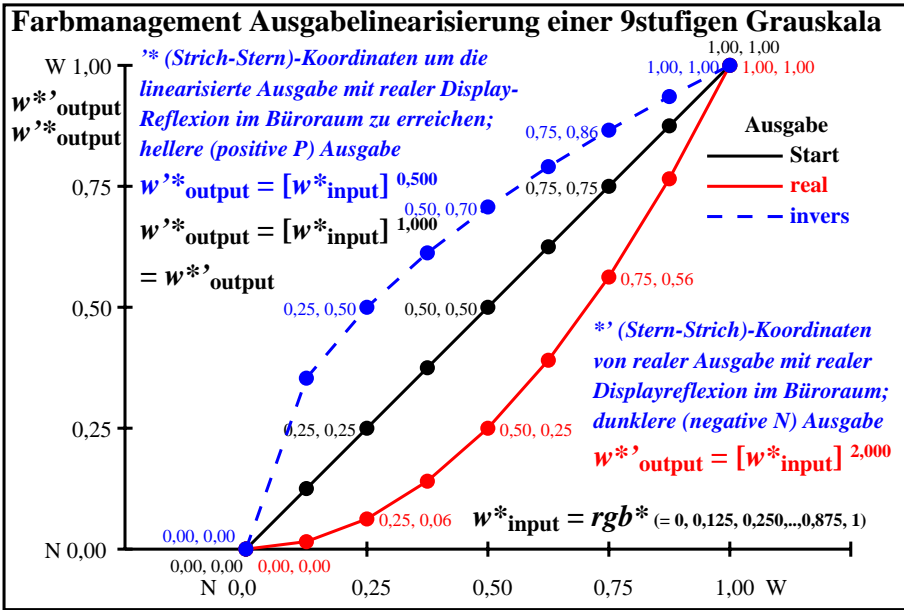
%*****
    
```

Beispiel-EPS-Code für EPS-Bilder, vergleiche
<http://farbe.li.tu-berlin.de/fkg9/fkg9fp0.txt>
<http://farbe.li.tu-berlin.de/fkg9/fkg9fp0.pdf>

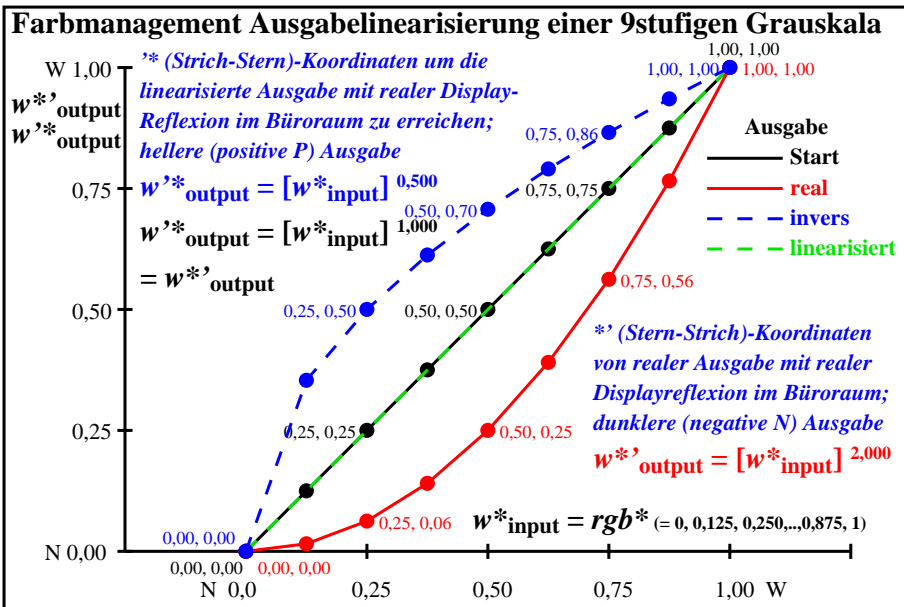
Externe Werte der Rahmendatei (FF):
 xchart=0, 1, ..., 8
 für den Bereich 0,5 <= gammaF >=2

Beispiel-GammaR-Werte für HDR-Kopfraum:
 gammaR=0,64 (2 Blenden);
 gammaR=0,8 (1 Blende); 1,0 (SDR)

ggm00-7n



ggm01-3n



ggm01-7n