

Frame File PostScript-code for 1-Minus-Relation (1MR) to *cmyk setcmykcolor*

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01 %!PS-Adobe-3.0 EPSF-3.0, 1MR-0003 for change to cmyk setcmykcolor
02 /FFM_setcmykcolor {setcmykcolor} bind def
03 /1MR-0003 {%BEG procedure 1MR-0003 to cmyk setcmykcolor
04 /Mind {/Min Mc def %procedure to define Minimum of Mc, Mm, My
05     Mc Mm le Mc My le and {/Min Mc def} if
06     Mm My le Mm Mc le and {/Min Mm def} if
07     My Mc le My Mm le and {/Min My def} if} bind def
08 /setgray {%BEG procedure setgray to 000k setcmykcolor
09     /Mk exch def 0 0 0 1 Mk sub FFM_setcmykcolor
10     } def %END procedure setgray to 000k setcmykcolor
11 /setrgbcolor {%BEG procedure setrgbcolor to cmyk setcmykcolor
12     /Mb exch def /Mg exch def /Mr exch def
13     /Mc 1 Mr sub def /Mm 1 Mg sub def /My 1 Mb sub def Mind
14     Mc Min sub  Mm Min sub  My Min sub  Min FFM_setcmykcolor
15     } def %END procedure setrgbcolor to cmyk setcmykcolor
16 /setcmykcolor {%BEG procedure cmy0 to cmyk setcmykcolor
17     /Mk exch def /My exch def /Mm exch def /Mc exch def Mind
18     Mk 0 eq {Mc Min sub  Mm Min sub  My Min sub  Min}
19     {Mc  Mm  My  Mk} ifelse FFM_setcmykcolor
20     } def %END %END procedure cmy0 to cmyk setcmykcolor
21 } def %END procedure 1MR-0003 to cmyk setcmykcolor

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Remarks:

line 02: necessary for the revised definition of *cmyk setcmykcolor*.

The FF_PS file shall include line 02 before the use of 1MR-0003.

line 08 to 20: change of *setgray*, *setrgbcolor*, *setcmykcolor* to *cmy0 setcmykcolor*.