



Jaws PDF Creator™ Plugins RGBBlack & RGBGray

Purpose

Many office-style applications running under Microsoft Windows produce PostScript that defines all colors in Red, Green and Blue (RGB). Thus black text is actually defined in terms of coverage of RGB. If that is printed on a desktop printer, or processed through a prepress workflow, it will very often end up using all four of the standard ink colors – Cyan, Magenta, Yellow and Black, rather than just the Black ink. This causes a variety of problems, including saturation of the paper with ink, slow drying, miss-registration leading to color fringes, or simply excessive use of expensive color inks.

The *RGBBlack* and *RGBGray* plugins for *Jaws PDF Creator* convert those colors defined in RGB where there is an equal amount of colorant requested in each of the three channels to use only Black ink.

Compatibility

The plugins are compatible with version 3.0 and later of *Jaws PDF Creator*.

Installation

Open the *Jaws PDF Creator* folder, and copy either *RGBBlack.jcp* or *RGBGray.jcp* from the *plugins (inactive)* sub-folder into the *Default* sub-folder. Only one of the two plugins should be used – see below for advice on selection.

Jaws PDF Creator v3.0: These plugins require the amended version of *prologue.ps* to be installed. If supplied as part of the package with the plugins it should be copied into the *Default* sub-folder in the *Jaws PDF Creator* folder, replacing the existing file by the same name.

DO NOT perform this step for Jaws PDF Creator version 3.1 or later.

Advanced users of *Jaws PDF Creator* version 3.0 who have amended the *prologue.ps* file should be sure to take a back up of their previous version and to merge their changes into the new file.

WINDOWS: If you didn't select your own specific location when installing *Jaws PDF Creator*, you'll find the *Jaws PDF Creator* folder inside *C:\Program Files\JawsSystems*.

MACINTOSH: If you didn't select your own specific location when installing *Jaws PDF Creator*, you'll find the *Jaws PDF Creator* folder in *Applications* on the computer's primary hard disk.

Usage

Once installed the plugins will activate when required – no user intervention is required.

Which plugin to use

RGBGray.jcp will convert all vector objects¹ where the values requested for Red, Green and Blue are equal to a shade of gray. On occasion this may lead to poor results within a diagram, or in a graduated tint constructed from lines or fills, if some of the objects are converted and others are not.

The conversion is designed for use with office-style design applications.

If a job has been constructed to use a specifically selected RGB color space the results are unlikely to be as desired because the conversion to Black will not take account of that selection.

The *RGBBlack.jcp* plugin will convert only those cases where solid black has been defined in RGB – other ‘neutral’ colors will be unaffected.

It is therefore recommended that *RGBGray.jcp* be used when creating PDF files from office-style applications, and *RGBBlack.jcp* should be used when designing pages in tools created for the graphic arts market.

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¹ text, lines and fills, but not images