

Patch 23.0 – 4 different Gray definitions

Intent

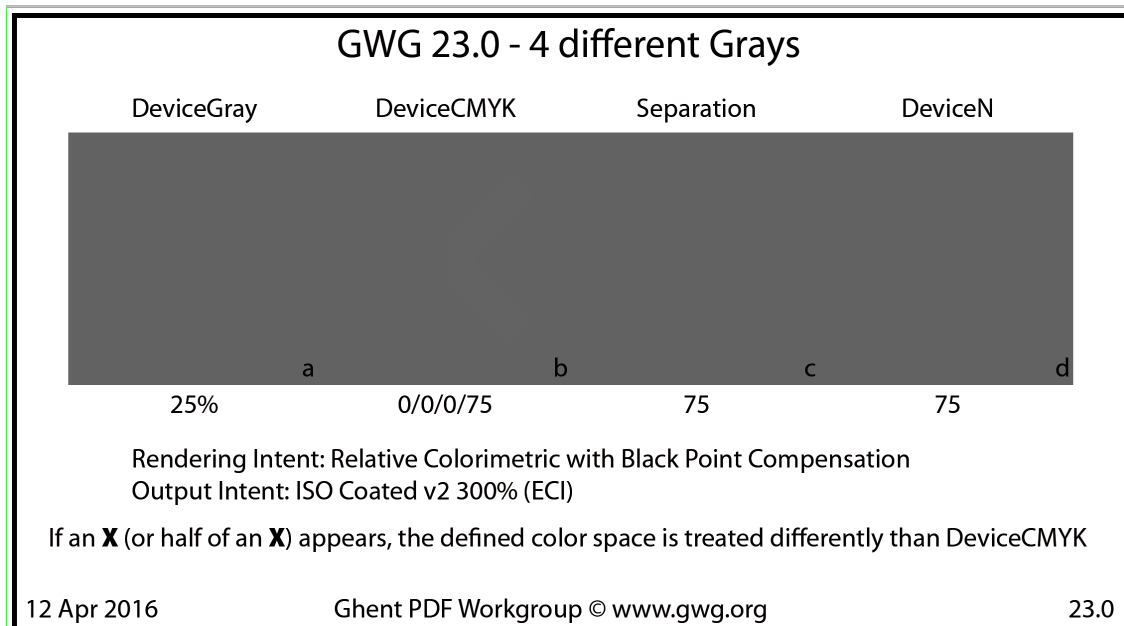
Patch 23.0 is meant to test the proper handling of PDF files that define gray and black objects. PDF offers 4 color spaces for black or gray objects that only render in the Black color channel. These color spaces are DeviceGray, DeviceCMYK, Separation and DeviceN. No matter in which color space a black or gray object is defined, the final rendering shall show the same visual result.

Testing guidelines

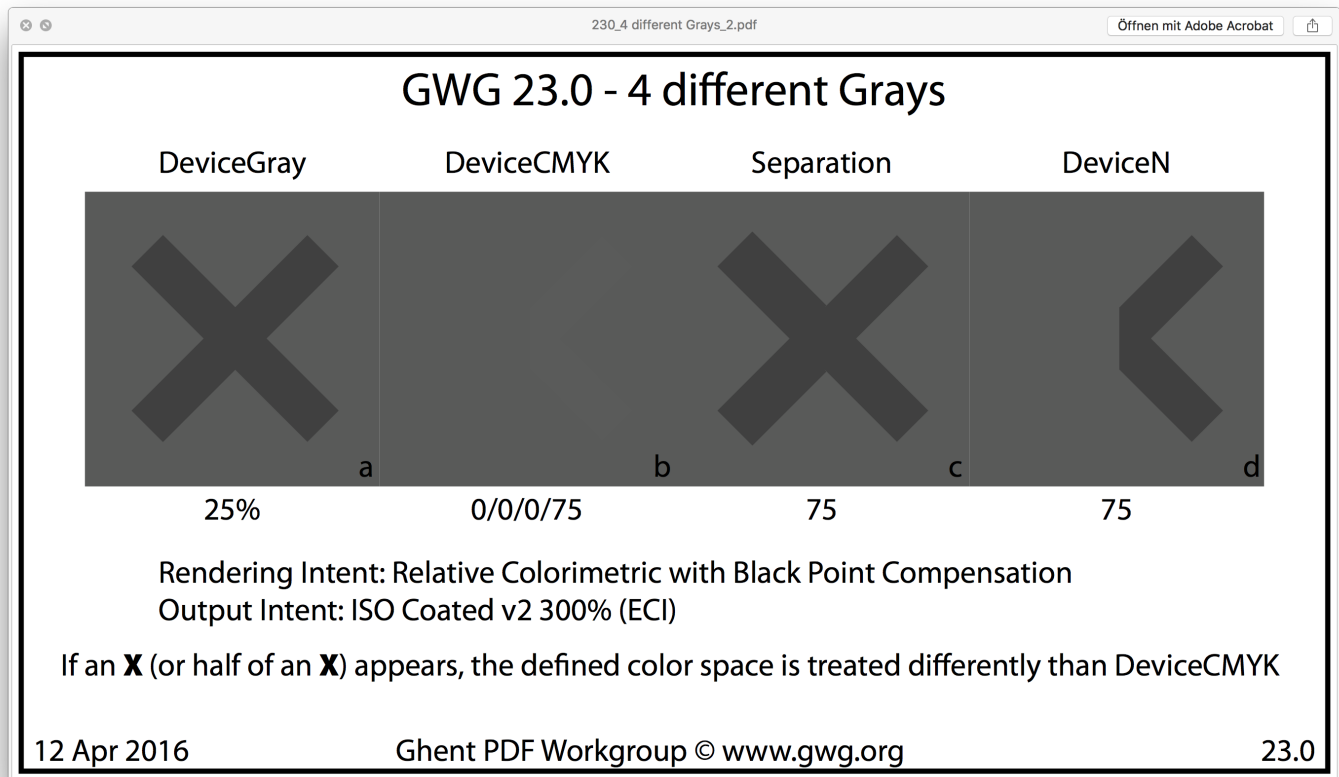
Test patches may be used in two ways:

- A single patch may be used to test the proper rendering of objects that are just defined using the black color channel
- Patches may be grouped with other patches to test the whole of a workflow that will aggregate multiple files together, e.g. for partial page advertisements in a magazine.

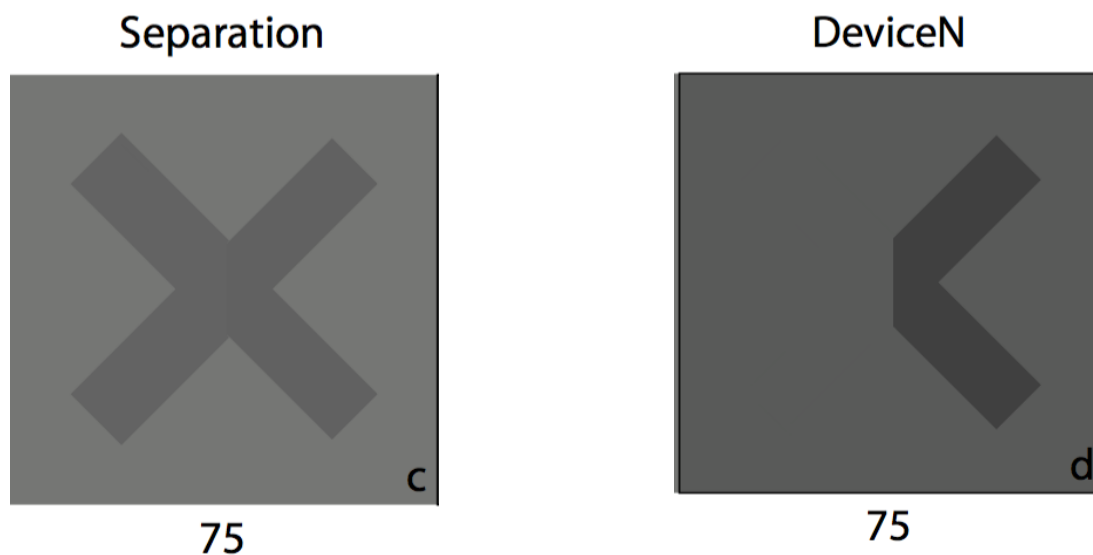
The test objects consist of a line art and an image object, both being clipped by the left and the right half of an X-Shape.



Method of evaluation



Usually, the object defined in DeviceCMYK should render as expected.
If an X appears, the color definition (stated above the patch) is handled differently than the DeviceCMYK the object.



A half X means, that either the line art object (left half) or the image object (right half) is handled differently than the DeviceCMYK object.

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