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Color LaserWriter 12/600 PS: Halo in Bitmapped Text (10/96)

Article Created: 6 June 1995

Article Reviewed/Updated: 19 July 1995

TOPIC -----

I have an Apple Color LaserWriter 12/600 PS, and text, created with TrueType or PostScript fonts, prints fine, but equivalent bitmapped text sometimes prints blurry and exhibits a fuzzy halo effect. What is the problem?

DISCUSSION -----

When an object gets a full saturation of two colors, the haloing effect, which is normal to all laser imaging, is compounded. To offset this, the I/O controller checks incoming fonts and decrease their saturations slightly in cases where unacceptable haloing would otherwise occur. For example, a green font (pure cyan with pure yellow) might be adjusted to 80% cyan and 80% yellow. This adjustment does not visually alter the color. Since font ID drives this process, bit-mapped text is ignored and will be imaged as a normal graphic. To offset haloing in graphics, you must make adjustments by hand in the source application.

This information is also applicable to the Color LaserWriter 12/660 PS printer.

This article was published in the "Information Alley":
Volume II, Issue 5, Page 8

Article Change History:

23 Oct 1996 - Added Color LaserWriter 12/660 PS information.

19 Jul 1995 - Added Info Alley information; updated.

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Keywords: kalley

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This information is from the Apple Technical Information Library.

19961023 16:31:12.00

Tech Info Library Article Number: 17878