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Macintosh 21 Color Display: Adjustable Color Temp (10/91)

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TOPIC ---

This article explains the adjustable white point color temperature feature of
the Macintosh 21-inch Color Display.

DISCUSSION --

The white point color temperature is a measure, in degrees Kelvin, of how white
a display's white is. Traditional displays use a 9300 degree K white, which has
a bluish tint to it and a high contrast. A 6500 degree Kelvin white is similar
to page white and is more useful for color matching.

This feature is important to graphics professionals, although other users will
appreciate having the choice. With it, users can more closely match the color
of an object designed on a computer with how it looks when printed by a
commercial printer. The page-white gamma table provides 6500 degrees K white
point, which matches the color of white paper. This improves WYSIWYG in graphic
design, since the white backgrounds of the monitor and paper are the same.

The Macintosh 21-inch Color Display allows adjustment of the white point color
temperature. To make an adjustment, follow these steps:

1) Select the monitor CDEV in the Control Panel. (In System 7, open the
   Monitors control panel.)

2) Hold down the Option key and click on the Option button.

3) The options dialog offers a choice of gamma tables. Choose:
   - the Mac Std Gamma option for 9300 degree K,
   - the Page-White Gamma option for 6500 degree K white, or
   - uncorrected gamma.

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