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## Macintosh Color Display, AppleColor High-Res RGB: Raster Width

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TOPIC -----

Why does the Macintosh Color Display have a smaller raster width than normal when connected to the Macintosh IIVx?

DISCUSSION -----

When connected to a Macintosh IIVx or Macintosh LC, the Macintosh Color Display's raster is approximately 1/4 inch smaller than the normal width of 9 1/4 inches. This is also true of the AppleColor (13-inch) High-Resolution RGB Monitor.

The decreased raster width is caused by the Macintosh LC video timing circuitry design. Because the Macintosh LC was also designed to support the Apple IIE monitors, video timing design compromises had to be made.

The Macintosh IIVx uses the same video circuit design as the Macintosh LC, so it also produces a narrower width raster on the High-Resolution RGB Monitor and Macintosh Color Display.

The only solution is to widen the monitor's raster with a monitor width adjustment.

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