

Apple II File Type Notes



Developer Technical Support

File Type: **\$C1 (193)**
Auxiliary Type: **\$0002**

Full Name: Super Hi-Res 3200 color screen image
Short Name: Super Hi-Res 3200 color image

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September 1990

Files of this type and auxiliary type contain pictures with up to 3,200 colors displayed simultaneously.

Files of type \$C1 and auxiliary type \$0002 contain Super Hi-Res screen images with extra color tables so that up to 3,200 colors can be displayed simultaneously.

Such a display technique is visually striking but is not easy—the program must watch the Mega II video counters and change the color tables in the palette for future scan lines while the Apple IIGS is drawing a different scan line. All such pictures use 320 mode.

This format is for uncompressed 3,200-color pictures. It is often referred to as “Brooks format” after the designer of the format, John Brooks. For a way to store these pictures compressed, see the MULTIPAL block in the Apple Preferred format.

Definition

The following definition is used in this document in addition to those defined for all Apple II file types:

Color table A table of sixteen two-byte entries, where each entry in the table is a master color value (\$ORGB, where R is the red component, G is the green component and B is the blue component).

File Structure

The format for these files is similar to that for Super Hi-Res screen images.

pixelData	(+000)	32000 Bytes	Pixel data to be displayed on the Super Hi-Res screen.
colorTables	(+32000)	200 Color Tables	One color table for each scan line. Each color table is stored in reverse order; the color value for color 15 is stored first.

Further Reference

- *Apple IIGS Toolbox Reference, Volume 2*
- *Apple IIGS Hardware Reference*
- File Type Note for file type \$C0, auxiliary type \$0002, Apple Preferred Format