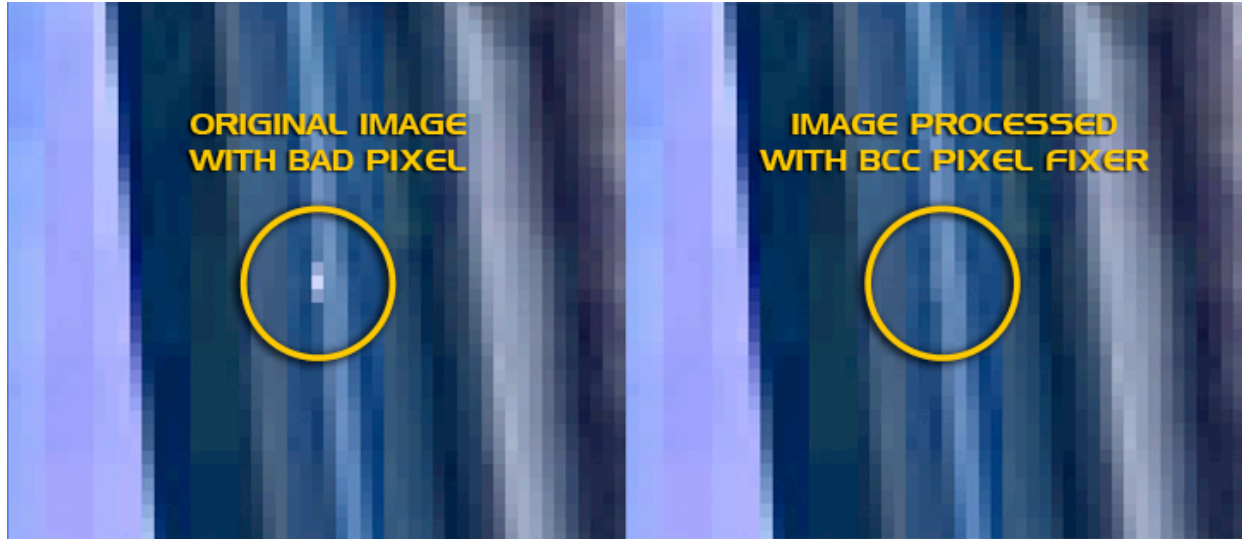


BCC Pixel Fixer

The primary purpose of the BCC Pixel Fixer filter is to fix bad pixels caused by bad pixels on the sensor in digital video and still cameras. The secondary purpose of the filter is to fix bad spots on digital still images caused by dust on the sensor.

Here are some images that demonstrate the results that can be achieved with this filter and beneath the images you will find a complete description of each individual parameter.



Use Shape 1 for All - Checkbox, if on (default) filter assumes all bad pixels are the same shape.

Blur Tuning - Tunes the blur amount used in blurring the background image around the bad spot.

Point 1 Enable checkbox - Enable fixing for point 1.

Point 1 X / Y locator - Used to set the position point for Point 1.

Size controls (Lock, X and Y) - If the "Use Shape 1 for All" feature is enabled, only the first Size control is used, and they are called "Size", not "Size 1" in hosts that support dynamic renaming.

Size X controls the number of pixels to be erased on each side of the bad pixel. Because of compression, a bad pixel in the sensor usually affects more than one pixel in the image. Pushing this past 5 or 6 will usually show an obvious box in the render. By default, size Y is locked to X, but they can be controlled independently, which is probably more useful for dust spots than for bad pixels in the sensor.

More Points - This group contains the parameter controls for points 2 - 10. They are at the bottom of the UI, on the assumption that most of the time the user will lock these to Size 1.