

The Darken Filter

The first filter we'll write is "darken". Here's the algorithm:

*For every byte
if it is greater than 64 then
subtract 64 from it
rewrite the byte*

Here's what the processing code looks like:

```
while (beg != end)
{
  if (*beg > 64) {
    *beg = *beg - 64;
  }
  beg++;
}
```

In the **Repl**, you can click on the two images to see the effect of applying the filter:



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