

The formula for linear contrast stretching involves rescaling the pixel values to 0-255.

For example, for an 8-bit display system, linear contrast stretching transformation can be achieved as given below.

$$DN_{st} = 255 \times \frac{(DN - DN_{min})}{(DN_{max} - DN_{min})} \quad (1)$$

where DN values in the range DN_{min} - DN_{max} are rescaled to the range 0-255 in the output image.