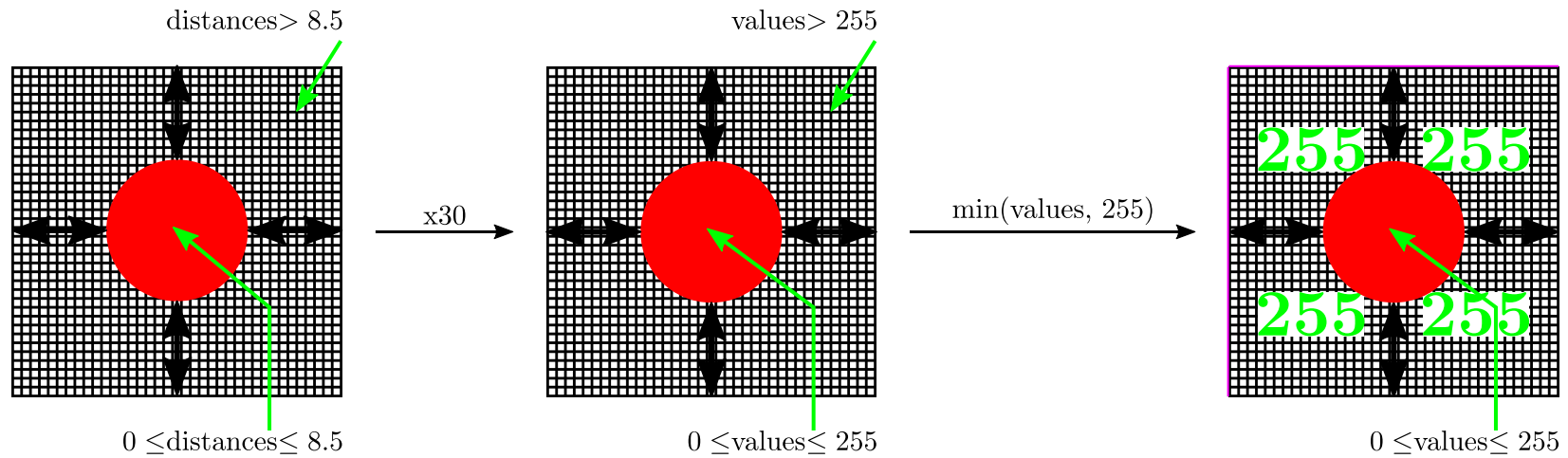


If coefficient = 30, then $255/30 = 8.5$.

All the distances greater or equal 8.5 give values greater or equal 255.



If coefficient = 50, then $255/50 = 5.1$.

All the distances greater or equal 5.1 give values greater or equal 255.

