## Greyscale Images



5/1/2002

187 187 187	199 199 199	213 213 213	223 223 223	
186 186 186	209 209 209	220 220 220	228 228 228	11111
167 167 167	186 186 186	195 195 195	211 211 211	
95 95	107 107 107	119 119	153 153 153	
35 35	<b>#3</b> 43	<b>48</b> 48	#	
<b>33</b> 33	34 34	<b>25</b> 25	31 31	1
29	32	35	33	

Each *pixel* is represented by a number from 0 to 255 (8 bits = 1 byte). This number tells how bright the pixel is Copyright 2002 - Univ. of Wash. 1









	Color In	ma	ıge	es						
Re Eat View Help		30 81	<b>20</b> 76	25 83	<b>10</b> 68	<b>27</b> 85	107	<b>54</b> 114	<b>59</b> 120 51	A REAL PROPERTY AND A REAL
	and A	102	<b>45</b> 96	56 1111	105	<b>50</b> 114	<b>78</b> 103	74 130	109	
		83	<b>\$</b>	<b>1</b>	55	101	<b>62</b> 112	100	<b>13</b> 64	
		<mark>6</mark> 39	<b>0</b> 36	<b>0</b> 36	11 50	<b>18</b> 55	<b>30</b> 72		<b>2</b> 46	
		3 30	<b>2</b> 29	0 28	0 25	<b>0</b> 24	0 27	0 32	<b>3</b> 37	
and the states of the states o		2 24	0 21	0	1 23	<b>3</b> 26	<b>2</b> 26	2 26	1 27	
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- Easy to manipulate
  - Discrete symbols limit complexity
- General
  - For example: the compression algorithm described earlier applies to <u>any</u> data represented digitally
- Accurate copying
  - Examples: DNA, Napster

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