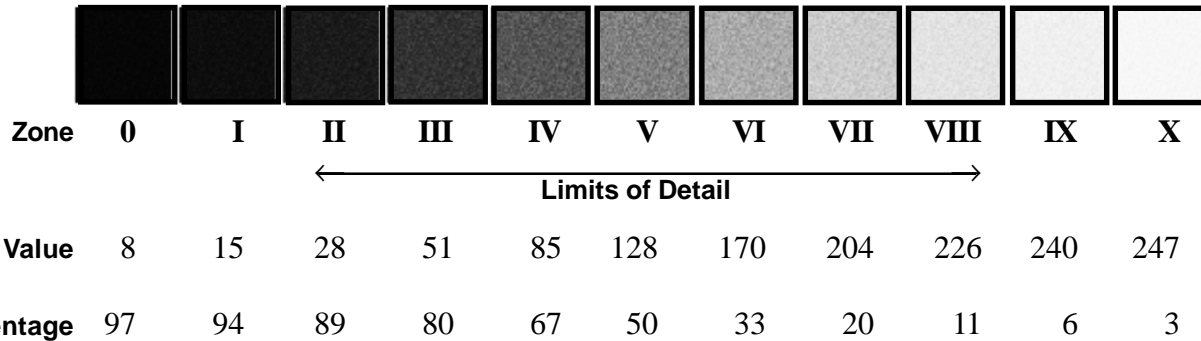


# The Digi-Zone System



## Conversion Chart

%	Pixel	
0	255	White
5	242	
10	229	
15	217	
20	204	
25	191	
30	179	
35	166	
40	153	
45	140	
50	128	Gray
55	115	
60	102	
65	89	
70	77	
75	64	
80	51	
85	38	
90	26	
95	13	
96	10	
100	0	Black

formula  

$$[(\% \div 100) * 255] - 255 = \text{pixel}$$

### Recommended Highlight and Shadow Points for Listed Usages

Press/Paper Stock	Highlight point	Shadow point	Avg. Dot Gain
Web/screen	4-5 percent	95-96 percent	0 percent
Xerox Wideformat inkjet	7-8 percent	95-96 percent	0 percent
Sheetfed/coated	3-4 percent	93-98 percent	4 percent
Heatset/coated	3-5 percent	90-95 percent	8 percent
Heatset/uncoated	3-7 percent	80-93 percent	14 percent
Newspaper/coated	3-5 percent	78-90 percent	20 percent
Newspaper/uncoated	3-5 percent	75-85 percent	22 percent
Newspaper/newsprint	1-7 percent	72-85 percent	26 percent

### Suggested Flechtone Settings

Channel	Asian	Black	Caucasian	Hispanic
R	184-217	122-192	196-217	XXX
G	139-187	64-151	146-189	XXX
B	119-153	52-139	134-160	XXX

### SWOP Standard Values for CMYK

Maximum Highlight is 5C 2M 2Y 0K  
 Maximum Shadow CMYK is 80C 70M 70Y 70K