



































































Luminance Table								
		R	G	В	Y	1		
	Black	0.0	0.0	0.0	0.00			
	White	1.0	1.0	1.0	1.00			
	Red	1.0	0.0	0.0	0.30			
	Green	0.0	1.0	0.0	0.59			
	Blue	0.0	0.0	1.0	0.11			
	Cyan	0.0	1.0	1.0	0.70			
	Magenta	1.0	0.0	1.0	0.41			
	Orange	1.0	0.5	0.0	0.60			
	Yellow	1.0	1.0	0.0	0.89			
Oregon State University					<b>,</b>	mjb – Janu		

≈ Contrast Table									
	Black	White	Red	Green	Blue	Cyan	Magenta	Orange	Yellow
Black	0.00	1.00	0.30	0.59	0.11	0.70	0.41	0.60	0.89
White	1.00	0.00	0.70	0.41	0.89	0.30	0.59	0.41	0.11
Red	0.30	0.70	0.00	0.29	0.19	0.40	0.11	0.30	0.59
Green	0.59	0.41	0.29	0.00	0.48	0.11	0.18	0.01	0.30
Blue	0.11	0.89	0.19	0.48	0.00	0.59	0.30	0.49	0.78
Cyan	0.70	0.30	0.40	0.11	0.59	0.00	0.29	0.11	0.19
Magenta	0.41	0.59	0.11	0.18	0.30	0.29	0.00	0.19	0.48
Orange	0.60	0.41	0.30	0.01	0.49	0.11	0.19	0.00	0.30
Yellow	0.89	0.11	0.59	0.30	0.78	0.19	0.48	0.30	0.00
Look for a ∆ luminance ≥ 0.40									
Oregon State University mjb – January 30, 20									

	Black	Black	Black	Black	Black	Black	Black	Black
White		White	White	White	White	White	White	White
Red	Red		Red	Red	Red	Red	Red	Red
Yellow	Yellow	Yellow		Yellow	Yellow	Yellow	Yellow	Yellow
Green	Green	Green	Green	Green		Green	Green	Green
Blue	Blue	Blue	Blue	Blue	Blue	Blue		Blue

Do Not Attempt to Fight Pre-Established Color Meanings							
Red:	Green:	Blue:					
Stop On Off Dangerous Hot High stress Oxygen Shallow Money loss	On Plants Carbon Moving	Cool Safe Deep Nitrogen					
Oregon State University		mjb – January 30, 2007					















































NTSC Cycles-of-Encoding per Scanline							
	What:	Cycles/Scanline:					
	Intensity	267					
	Orange-Blue	96					
	Purple-Green	35					
Oregon State University mjb – January 30, 2007							



