We wish to show that there is no four color measurable unit graph coloring in the plane. It is known by simple constructions that for a the chromatic number of the unit graph in $\mathbb{R}^2$, $4 \leq n \leq 7$. There is also a bound on the large scale density any single color can have in a measurable unit graph coloring of $\mathbb{R}^2$. But this is not strong enough to preclude a four color coloring. In showing this result we will use mainly the well known Fubini Theorem (FT), and the Lebesgue Density Theorem (LDT). The latter says that for $U$ a measurable set, 
\{x \in U \mid \lim_{\varepsilon \to 0} \frac{1}{\pi\varepsilon^2} \text{area of } (D(x, \varepsilon) \cap U) = 1\} \text{ is almost all of } U.\n