Determinar $L = \lim\limits_{x \to 3} \dfrac{\sqrt{x} - \sqrt{3}}{x - 3}$.

$$L = \lim_{x \to 3} \frac{\left(\sqrt{x} - \sqrt{3}\right)\left(\sqrt{x} + \sqrt{3}\right)}{(x - 3)\left(\sqrt{x} + \sqrt{3}\right)} = \lim_{x \to 3} \frac{\cancel{x - 3}}{\cancel{(x - 3)}\left(\sqrt{x} + \sqrt{3}\right)} = \boxed{\frac{\sqrt{3}}{6}}$$

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Sugestões, comunicar erros: "a.vandre.g@gmail.com".