

$$\begin{aligned}
& (ln(arcsin(x))^{\frac{cos(x)^{0.500}}{x}})' = ln(arcsin(x))^{\frac{cos(x)^{0.500}}{x}} \cdot \left(\frac{(cos(x)^{0.500} \cdot 0.500 \cdot \frac{((-1.000) \cdot sin(x))}{cos(x)} \cdot x - cos(x)^{0.500})}{x^{2.000}} \right) \\
& ln(ln(arcsin(x))) + \frac{\left(\frac{1.000}{arcsin(x)} \cdot \frac{1.000}{(1.000 - x^{2.000})^{0.500}} \right)}{ln(arcsin(x))} \cdot \frac{cos(x)^{0.500}}{x}
\end{aligned}$$