\documentclass[12pt]{article}

\usepackage{calrsfs}

\DeclareMathAlphabet{\pazocal}{OMS}{zplm}{m}{n}

\newcommand{\Lc}{\mathcal{L}}

\newcommand{\Cc}{\mathcal{C}}

\newcommand{\Lp}{\pazocal{L}}

\begin{document}

\Huge

$\Lc\;\Lp\;\Cc$

\end{document}