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Graphs in which every cycle has a 'major chord'

Define a graph to be *majorly chordal* if every cycle of length $k \geq 4$ has a *major chord*, meaning a $\lfloor \frac{k}{2} \rfloor$ -chord of the k -cycle. Majorly chordal graphs are always chordal, but this newly-named graph class is incomparable with the long-studied class of strongly chordal graphs. In spite of that discord, I'll show a certain harmony between these two notions, along with a forbidden induced subgraph characterization of the majorly chordal graphs.