**America – Backtracking+FC+Singleton+heuristic\_MRV**

Time taken: 0.0017328262329101562

Backtrack Count 0

Visited Node {'Mississippi', 'Texas', 'Ohio', 'Alabama', 'Oklahoma', 'Maryland', 'Idaho', 'Nebraska', 'NewYork', 'Georgia', 'Pennsylvania', 'RhodeIsland', 'Arkansas', 'NewHampshire', 'Indiana', 'Nevada', 'NorthCarolina', 'Missouri', 'Iowa', 'NewJersey', 'Illinois', 'Kansas', 'Arizona', 'NorthDakota', 'Maine', 'Louisiana', 'SouthCarolina', 'Kentucky', 'Massachusetts', 'Minnesota', 'Delaware', 'California', 'Florida', 'Tennessee', 'Virginia', 'Oregon', 'Michigan', 'Montana', 'Colorado', 'Hawaii', 'Wisconsin', 'Vermont', 'Utah', 'SouthDakota', 'Washington', 'Alaska', 'Connecticut', 'WestVirginia', 'Wyoming', 'NewMexico'}

Assigned Color to state Missouri -> ['Red']

Assigned Color to state Tennessee -> ['Green']

Assigned Color to state Kentucky -> ['Blue']

Assigned Color to state Arkansas -> ['Blue']

Assigned Color to state Illinois -> ['Green']

Assigned Color to state Iowa -> ['Blue']

Assigned Color to state Nebraska -> ['Green']

Assigned Color to state Oklahoma -> ['Green']

Assigned Color to state SouthDakota -> ['Red']

Assigned Color to state Wyoming -> ['Blue']

Assigned Color to state Colorado -> ['Red']

Assigned Color to state Utah -> ['Green']

Assigned Color to state Idaho -> ['Red']

Assigned Color to state Arizona -> ['Blue']

Assigned Color to state Nevada -> ['Yellow']

Assigned Color to state NewMexico -> ['Yellow']

Assigned Color to state Texas -> ['Red']

Assigned Color to state Indiana -> ['Red']

Assigned Color to state Wisconsin -> ['Yellow']

Assigned Color to state Michigan -> ['Blue']

Assigned Color to state Minnesota -> ['Green']

Assigned Color to state Ohio -> ['Green']

Assigned Color to state Virginia -> ['Red']

Assigned Color to state WestVirginia -> ['Yellow']

Assigned Color to state Maryland -> ['Blue']

Assigned Color to state Pennsylvania -> ['Red']

Assigned Color to state Mississippi -> ['Red']

Assigned Color to state Alabama -> ['Blue']

Assigned Color to state Georgia -> ['Red']

Assigned Color to state Oregon -> ['Green']

Assigned Color to state California -> ['Red']

Assigned Color to state Delaware -> ['Green']

Assigned Color to state Montana -> ['Green']

Assigned Color to state NewJersey -> ['Blue']

Assigned Color to state NewYork -> ['Green']

Assigned Color to state NorthCarolina -> ['Blue']

Assigned Color to state Florida -> ['Green']

Assigned Color to state Kansas -> ['Blue']

Assigned Color to state Louisiana -> ['Green']

Assigned Color to state NorthDakota -> ['Blue']

Assigned Color to state SouthCarolina -> ['Green']

Assigned Color to state Washington -> ['Blue']

Assigned Color to state Massachusetts -> ['Red']

Assigned Color to state Connecticut -> ['Blue']

Assigned Color to state Vermont -> ['Blue']

Assigned Color to state NewHampshire -> ['Green']

Assigned Color to state RhodeIsland -> ['Green']

Assigned Color to state Maine -> ['Red']

Assigned Color to state Alaska -> ['Red']

Assigned Color to state Hawaii -> ['Red']

A close up of a map

Description automatically generated