



Christmas show



Three spotlights (red, green, and blue) are used to light the stage for the elves' Christmas show. The colour of the stage depends on which spotlights are turned on. The table shows the eight possible combinations of colours.

From the beginning of the show, the spotlights will be switched on and off in this pattern:

- The red spotlight repeats the pattern: two minutes off, two minutes on.
- The green spotlight repeats the pattern: one minute off, one minute on.
- The blue spotlight repeats the pattern: four minutes on, four minutes off.

Red light	Green light	Blue light	Stage color
on	off	off	red
off	on	off	green
off	off	on	blue
on	on	off	yellow
on	off	on	magenta
off	on	on	cyan
on	on	on	white
off	off	off	black

QUESTION

Three minutes after the show starts, what will be the colour for the next minute?

A. Cyan



C. Red



B. Magenta



D. White

