

# Accessibility

Normal Colour Vision:

Select a time

10.00	10.15	10.30	10.45	11.00	11.15	11.30	11.45	12.00	12.15
12.30	12.45	13.00	13.15	13.30	13.45	14.00	14.15	14.30	14.45
15.00	15.15	15.30	15.45	16.00					

More than 15 tickets available Less than 15 tickets available Less than 5 tickets available

# Accessibility

Red-blind Protanopia:



# Accessibility

Green-Blind Deuteranopia:



# Normal Sight





# Deuteranopia Sight (Green Colour Blindness)

Unable to tell  
the difference  
between red  
and green



# Protanopia Sight (Red Colour Blindness)

Unable to tell  
the difference  
between red  
and green





## Tritanopia Sight (Blue Colour Blindness)

Unable to tell the difference between blue and green, purple and red, and yellow and pink. It also makes colors look less bright.



# Monochromacy Sight (Complete Colour Blindness)

Can't see  
colours at all





# Activity Fix This Control

- Download Color Oracle from <https://colororacle.org>
- Create a wireframe of the select time control shown to the right but use Color Oracle to find colours that work for multiple types of colour blindness.
- The select a time control should keep the same general shape/function.

Select a time

10.00	10.15	10.30	10.45	11.00	11.15	11.30	11.45	12.00	12.15
12.30	12.45	13.00	13.15	13.30	13.45	14.00	14.15	14.30	14.45
15.00	15.15	15.30	15.45	16.00					

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A wireframe with the current control is available on OWL (week 6 page, under Activity Resources) to get you started.