

## CVD Check

### Browser Meta Info

*This question will not be displayed to the recipient.*

Browser: **Chrome**

Version: **56.0.2924.87**

Operating System: **Windows NT 6.1**

Screen Resolution: **1920x1200**

Flash Version: **25.0.0**

Java Support: **0**

User Agent: **Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)**

**Chrome/56.0.2924.87 Safari/537.36**

Do you have any form of Color Vision Deficiency (are you color blind)?

Yes

No

Not sure/I don't know

What type of Color Vision Deficiency do you have?

If you know the technical term, please choose one from this list.

Achromatopsia Protanopia Deuteranopia Tritanopia Protanomaly Deuteranomaly Tritanomaly

If you don't know the technical term, does one of these describe your color issues?

red/green

blue/yellow

green/brown

If you don't know the technical term or none of the above fit, please describe your color vision issues here.

## Instructions

In this study, you will be asked to rearrange a set of colors by always choosing the most similar color to the one above. You will be able to "drag and drop" the colors. For example, suppose I asked you to arrange these grays starting with the one closest to black, so darkest to lightest. Give it a try and rearrange the grays. Here is the starting color (black):



In the next question, you will have to rearrange 15 color patches, each time choosing the **most similar color to the one above it**. The colors will seem to have a natural progression when you finish.

Please note: This is not a diagnostic test. You will NOT be told the results of this test. The researchers involved in this study are interested in how color vision deficiencies might impact scientific visualizations. For Mechanical Turkers: you may be assigned a

qualification based on the results and may be asked to take future studies based on your color vision qualities.

## Farnsworth D-15

Please put these colors in order by choosing the color that is most similar to the previous color. When you are finished, the colors should be lined up in a naturally progressing order, slowly changing from one color to the next, from top to bottom. Here is the starting color:





## Demographics

Please enter your Amazon Mechanical Turk ID number. To find your ID, please open a new window and go to your account dashboard. Your ID is the red number at the top right of your dashboard. It starts with an "A".

If you are not taking this survey through Amazon Mechanical Turk, please enter "None"

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What is your gender?

Male

Female

Other/Prefer not to answer

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Please enter your age in years:

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What is the highest level of education you have received?

Some High School

High School diploma or GED

Some college education or Associate degree

Undergraduate degree (BS, BA, etc.)

Masters degree (MS, MA, MFA, MBA, etc.)

Doctorate or Professional degree (PhD, MD, JD, etc.)

Other, please describe:

Prefer not to respond

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