

RECRUITMENT ADVERTISEMENT:

Visual perception of color quality of light sources

Sign up to participate in our study of the color properties of light sources for general illumination.

What is required to participate?

- Normal visual acuity (good enough to get a driver's license). Glasses or contact lenses are OK.
- Normal color vision. Solely for the purpose of this research experiment, we will test your color vision. This is a simple test. We will ask you to read a number formed by colored dots printed in several pages of a booklet. It takes only one minute.

What will we be doing?

- This research will take place at the National Institute of Standards and Technology's Gaithersburg campus (Room B307 of Building 220).
- You will sit in front of experimental viewing booth and you will look at color samples of three different colors under various lighting. We will present many pairs of slightly different white light, and ask you to answer under which light the sample colors on the left side and right side of the booth appear the same or closest.
- We will repeat such experimental runs for several different illumination conditions in one session, which will take about 30 min. There will be three sessions in total, which will take about two hours (including breaks in between) for each participant.
- All the data will be recorded by a pseudo-randomly assigned subject number that will not be linked to any identifying or demographic information about you.

How do you get involved?

- If you receive this by email, please reply to the email indicating that you are interested in participating.
- The Principal Investigator is Dr. Yoshi Ohno. You can call him at 301-975-2321 or e-mail him at ohno@nist.gov to express your interest.

Participation is limited to 96 participants.

Research is being conducted by the Sensor Science Division, Physical Measurement Laboratory.

NIST Approval _____