

Resource Summary Report

Generated by RRID on Aug 12, 2026

Color Oracle

RRID:SCR_018400

Type: Tool

Proper Citation

Color Oracle (RRID:SCR_018400)

Resource Information

URL: <https://colororacle.org/>

Proper Citation: Color Oracle (RRID:SCR_018400)

Description: Software tool as free color blindness simulator for Windows, Mac and Linux. Design for Color Impaired. Takes guesswork out of designing for color blindness by showing you in real time what people with common color vision impairments will see. Color Oracle is open source, available on GitHub for Mac and Windows/Java.

Resource Type: software application, software resource

Keywords: Color blindness simulator, color impaired, color blind, color vision impairment

Availability: Free, Available for download, Freely available

Resource Name: Color Oracle

Resource ID: SCR_018400

Alternate URLs: <https://github.com/nvkelso/color-oracle>, <https://github.com/nvkelso/color-oracle-java>

License: MIT License

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260810T040741+0000

Ratings and Alerts

No rating or validation information has been found for Color Oracle.

No alerts have been found for Color Oracle.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Geng Y, et al. (2026) Color Graphics: Can Everyone See Them? Cellular and molecular gastroenterology and hepatology, 20(7), 101766.

Ajakaye OG, et al. (2024) Extant interspecific hybridization among trematodes within the Schistosoma haematobium species complex in Nigeria. PLoS neglected tropical diseases, 18(4), e0011472.

Geldenhuys DS, et al. (2023) Deep learning approaches to landmark detection in tsetse wing images. PLoS computational biology, 19(6), e1011194.

Saia SM, et al. (2022) Ten simple rules for researchers who want to develop web apps. PLoS computational biology, 18(1), e1009663.

Kroon C, et al. (2022) Blind spots on western blots: Assessment of common problems in western blot figures and methods reporting with recommendations to improve them. PLoS biology, 20(9), e3001783.

Christen M, et al. (2021) Susceptibility of domain experts to color manipulation indicate a need for design principles in data visualization. PLoS one, 16(2), e0246479.

Jambor H, et al. (2021) Creating clear and informative image-based figures for scientific publications. PLoS biology, 19(3), e3001161.

Schmied C, et al. (2020) Effective image visualization for publications - a workflow using open access tools and concepts. F1000Research, 9, 1373.