

General infos

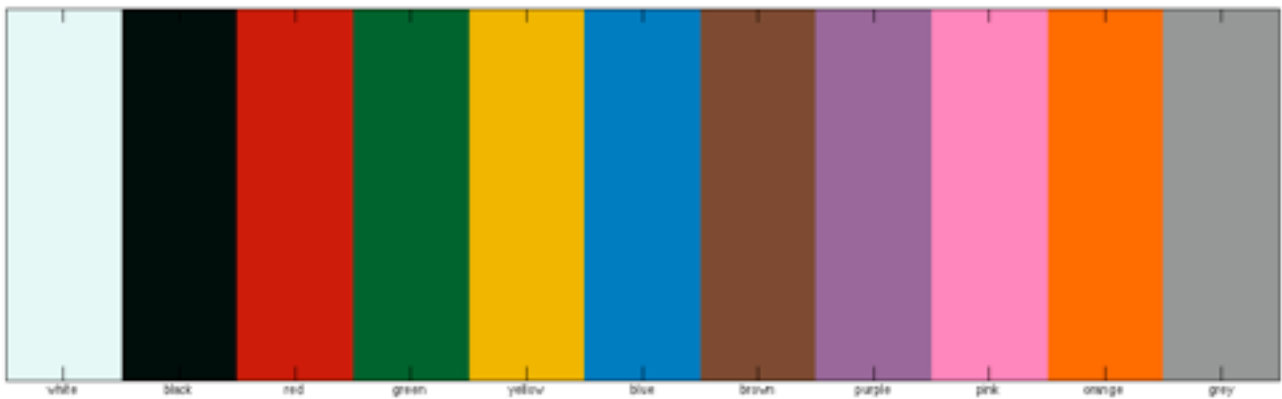
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If you're using (parts of) this code, please cite the corresponding publication:
Albrecht Lindner, Bryan Zhi Li, Nicolas Bonnier, and Sabine Süssstrunk, "A large-scale multi-lingual color thesaurus," IS&T Color and Imaging Conference, 2012.

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Run the script

Just execute **RUN_ColorValues('en');** and you should see the following figure:



Add your own color names and languages

To add a new color name **C** you have to:

- 1) Download images that are associated with that color name (see next section)
- 2) Put the images in a new folder `./DB/lang_en/images/C`
- 3) Add the color name to the `opts.cNames` variable in the `init.m` file

To add a new language **L** to the database you have to:

- 1) Create a new folder `./DB/lang_L/images`
- 2) and add to it a new folder for each color name as explained above. The folder name has to be the English translation of that color name.
- 3) Declare the new language in the `opts.languages` variable in the `init.m` file.

After you added new color names and languages you have to recompute the statistical significance values. For English, execute **statisticalAnalysis('en');**

You can force to recompute everything by setting **opts.FORCE = 1;** in `init.m`.

Download images for different color names

We wrote a python script to download images from Google Image Search. The script that we used to download our data and all necessary other files are in the folder **download_script**. Just run the file **download_script/run10languages.sh** from a terminal.

MEX files

The code uses mex files that have been compiled for 64-bit Linux, Intel Mac and Windows systems. Unfortunately, we are not allowed to give you the source code of the mex files. Please contact the author if you have troubles.

Disclaimer

The images for the 11 example color names contained in this package are from Google Image Search. The images remain property of their owners and if you want to publicly use them you have to get permission of their owners.