

Intro

In this document I present the results of my contrast research. I focust my attention mainly on the part-ups page (discover > part-ups).

Why this research?

While looking at part-up.com for the first time I was searching for accessibility issues to resolve. I was actually looking at the tab navigation, when i noticed that I was squeezing my eyes. I was squeezing my eyes because of the colors that were used for the website. The contrast between foreground and background colors was too little.

For whom?

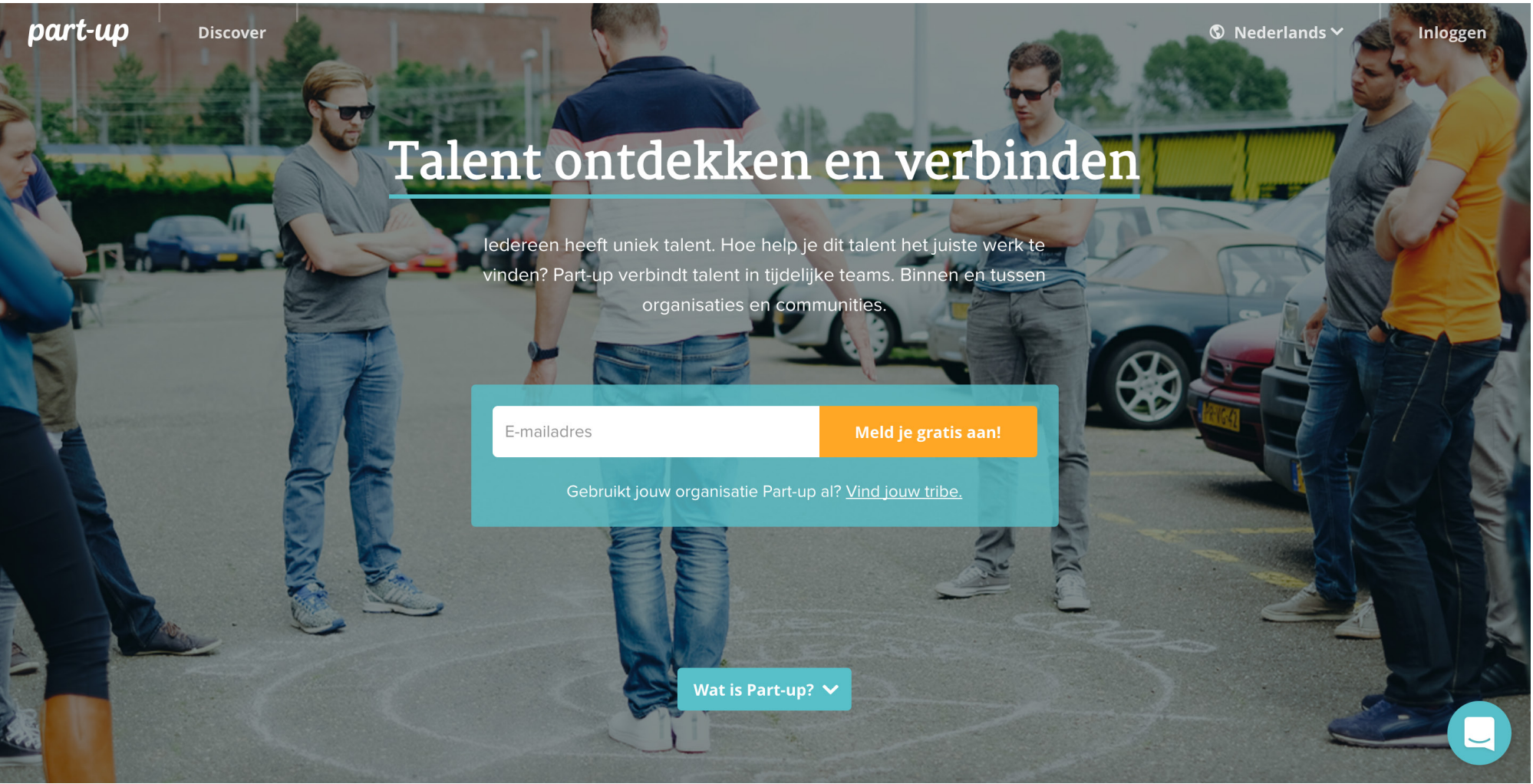
The colors that are used don't have the right contrast. This makes users squeeze their eyes, resulting in a headache. High contrast makes websites also more legible. For example when users use their phone outside in the sun.

Also the colorblind often have trouble distinguishing items that have low contrast in relation to one another.

In this case we take users that use their phones in the sun and users that are colorblind in account.

Table of content

Intro	1
My experience as user	2
Tools and results	3
Solution	4



My experience as user

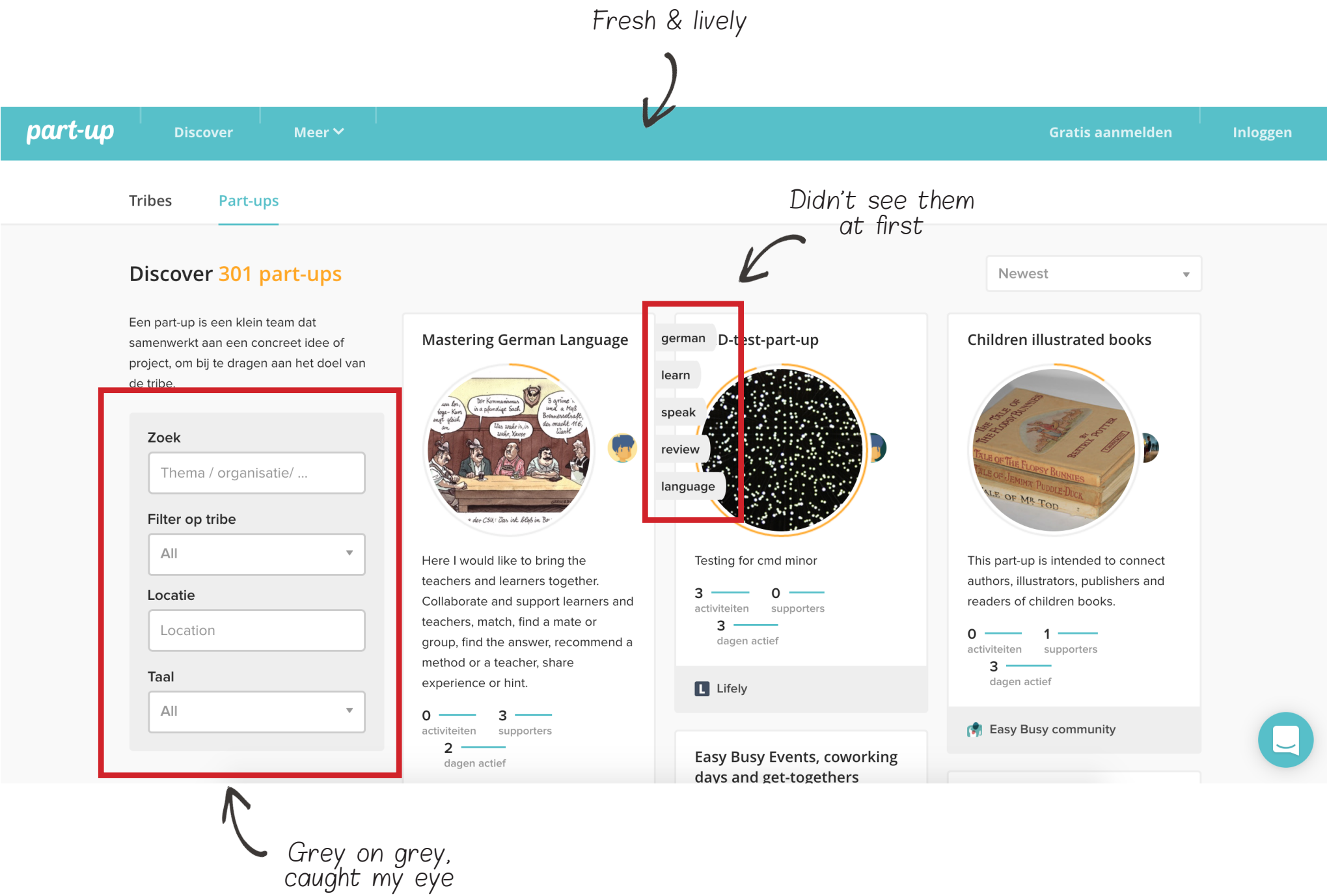
I noticed a few things while looking at part-up.com for the first time. The first thing was the color of the header which has a lively color.

The menu items had a mint greenish color. If you hover over the menu items, they get a white color.

Another thing I noticed is while hovering over the text of a part-up block, grey list-items slide out from under the block. The only reason I noticed them was because it animated. Otherwise I probably wouldn't have seen them.

The last thing was the grey filter form on top of a lighter grey background. I haven't seen this a lot so it caught my eye.

The things I noticed are just my thoughts so I searched for a tool which could help me identify the items that had too little contrast. Besides that I read a lot of articles to help me understand what was important with contrast and why.



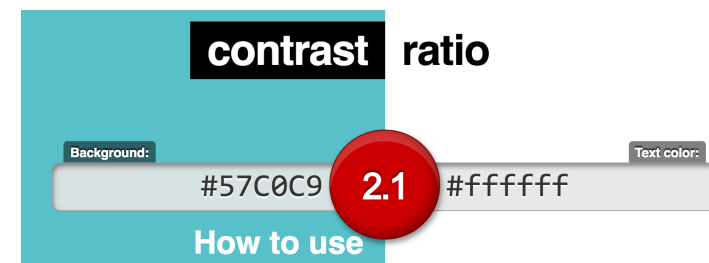
Tools and results

I used 3 tools to help me find the low contrast areas. These were:

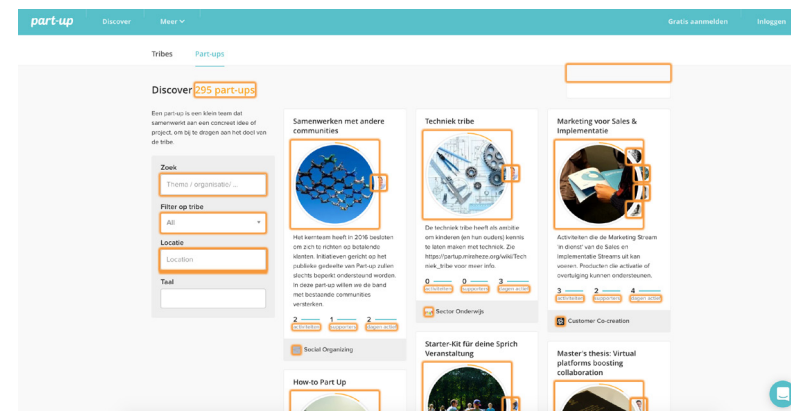
- Contrast Ratio [Lea Verou](#)
- ChromeLens
- Contrast Ratio Checker

All these tools check the ratio according to the [Web Content Accessibility Guidelines \(WCAG\) 2.0](#). These are guidelines from W3C. It states that the minimum contrast should be 4.5:1 except for large text, which should be 3:1.

Contrast ratio is a tool to compare a background color with a foreground color:



ChromeLens is a development tool which checks for wrong images, links and contrast:



And last but not least Contrast Ratio Checker. With this tool you can click any part of the site and it will give you information about font sizes, colors, the ratio and if it is approved according to WCAG 2.0 (see image to the right).

My goal is to solve the results that are under a ratio of 4.5:1.

