**Accesibility considerations for vision problems**

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| Blidness | The key web accessibility principles for users who are blind are:   1. [**Perceivable**](http://webaim.org/articles/pour/perceivable)**:** because they cannot perceive (see) visual information such as graphics, layout, or color-based cues 2. [**Operable**](http://webaim.org/articles/pour/operable)**:** because they usually depend on a keyboard to operate (navigate) web content functionality, rather than a mouse 3. [**Understandable**](http://webaim.org/articles/pour/understandable)**:** because they cannot understand content that is presented in an illogical linear order, or which contains extraneous text not meant to be read word for word or character by character (such as long web addresses), etc. 4. [**Robust**](http://webaim.org/articles/pour/robust)**:** because the assistive technologies used by the blind are not always capable of accessing a broad range of technologies, especially if those technologies are new |  |
| Low vision | The key principle of web accessibility for people with low vision is:   1. **Perceivable:** because they cannot perceive (see) content that is small, does not enlarge well, or which does not have sufficient contrast | Important  To make text more legible when enlarged, use true text as much as possible, rather than text in graphics.  Important  To the extent possible, maximize the contrast of your web pages, including graphics, fonts, and backgrounds.  To allow people to customize their contrast settings, it is better to put as much text as possible in true text format, rather than in graphics. |
| Color blidness | The key principle of web accessibility for users with color-blindness is:   1. **Perceivable:** because they cannot perceive (see) the difference between certain color combinations | Make sure that colors are not your only method of conveying important information. |

Referencia:

Center for persons with disabilities (2013). Visual Disabilities, http://webaim.org/articles/visual/