

Knowledge database - Link tips and Online Tools

Initiatives / Organisations / Information / Guidelines

- The AbleGamers www.ablegamers.com
 - Game Accessibility Guidelines: www.includification.com
 - Practical Guide to Game Accessibility
http://www.includification.com/AbleGamers_Includification.pdf
- Accessible Rich Internet Applications - Illinois University:
<http://test.cita.illinois.edu/aria/index.php>
- For designers of online content and services: WCAG Web Content Accessibility Guidelines
 - World Wide Web Consortium W3C <http://www.w3.org/>
 - Web Content Accessibility Guidelines (WCAG)
<http://www.w3.org/WAI/intro/wcag>
 - Examples of Web Accessibility
<http://www.w3.org/standards/webdesign/accessibility#examples>
 - How to make websites and web tools accessible
<http://www.w3.org/standards/webdesign/accessibility#doit>
 - Diversity of Web users <http://www.w3.org/WAI/intro/people-use-web/diversity.html>
 - Standardisation of Web technologies: <http://www.w3.org/TR/tr-date-stds.html>
- How people with disabilities use the web (stories)
<http://www.w3.org/WAI/intro/people-use-web/stories>
- UN Convention on the Rights of Persons with Disabilities
<http://www.un.org/disabilities/default.asp?navid=12&pid=150>
- Mobile Accessibility (phones, tablets, apps), various languages:
<http://www.mobileaccessibility.info/>
 - Find accessible devices and apps:
<http://www.mobileaccessibility.info/findapps.cfm>
- WebAIM: Accessibility Training, Certification, Evaluation and Reporting:
<http://webaim.org/>
- WEB for ALL (German): <http://www.web-4-all.de/>

Tools for Testing and Simulation

- Adobe Accessibility Design Center (accessible documents with Adobe)
www.adobe.com/de/accessibility/
- Accessibility Evaluation Resources: <http://www.w3.org/WAI/eval/Overview.html>
- Accessibility Validator WAVE: <http://wave.webaim.org/>
- Accessibility Validator AccessMonitor (Portuguese):
<http://www.acesibilidadade.gov.pt/accessmonitor/>
- Before and After Demonstration (BAD) <http://www.w3.org/WAI/demos/bad/>
- Colour contrast analyser: download from <http://www.web-4-all.de>
- Easy Checks: <http://www.w3.org/WAI/eval/preliminary.html>
- Juicy Studio (collection of tools and scripts): juicystudio.com/services.php
- Search and play youtube videos: <http://tube-majestyc.net>
- Simulation app visual impairment: <https://itunes.apple.com/us/app/augenvorsorge-schau-auf-dich!/id551012231> or www.absv.de/sehbehinderungs-simulator
- Testing of websites: www.bitv-test.de
- Web Developer Toolbar: analyse websites, show alternative attributes, deactivate images and styles, show contours <http://www.web-4-all.de/barrierefreiheit/tests-auf-barrierefreiheit/watoolbar/>
- Web Developer Toolbar für Firefox: chrispederick.com/work/web-developer/
- Web Accessibility Toolbar (IE) inkl. Colour Contrast Analyzer:
www.paciellogroup.com/resources/wat/

Assistive technologies and Accessibility tools

Visual skills, ablepsia

- Screenreader and braille keyboard
 - JAWS screen reading software <http://www.freedomsci.de/>
- Enlargement programs / technologies, reduce resolution
- Caption and subtitle videos: <http://www.amara.org/>

Hearing skills, deafness

- Sign languages on websites (videos)
- Sign language avatars
 - Sign language avatar and website translator <http://handtalk.me/en>
- Caption and subtitle videos: <http://www.amara.org/>

Mobility

- Special mouse operated by mouth or air
- Special keyboards (braille, special small/narrow keys, special large keys)
- Operation by eyes / pointing devices
 - eye tracking Tobii <http://www.tobii.com/>
- On screen keyboard: <https://www.ssbartgroup.com/blog/2014/01/16/web-accessibility-101-video-series-onscreen-keyboard-demo/>

Speech and language

- Disabilities and assistive technologies: <http://www.tobii.com/en/assistive-technology/global/disabilities/>

Autism

- Browser and virtual playground ZAC: <http://zacbrowser.com/>

Best Practice Examples

- Accessible User Research with Children, BBC CBeebies' Mr Tumble: <http://www.youtube.com/watch?v=-XxFGXJxA9Q>
- A4 Educational Video Series: Apps for Children with Special Needs <http://www.youtube.com/user/a4cwsn>
- Paxe123.com App (<https://itunes.apple.com/app/pattern-puzzle-game/id741471947?ls=1&mt=8>): Puzzle Pattern Game allows different levels of difficulty for individual settings and was positively reviewed by A4 Educational Series "Apps for Children with Special Needs" <https://www.youtube.com/watch?v=YdKFKHvEnxM>