

**Blinde sind nicht unsere
Zielgruppe!**



Hello!

I am Niklas.

Infinitely curious about everything.

You can find me at [@niklas_jordan](#).

**Blinde sind nicht unsere
Zielgruppe!**

Kunde
Irgendwo in Deutschland

**Wie viel Prozent unserer
Besucher sitzen im
Rollstuhl?**

Stakeholder
Irgendwo in Deutschland

**Wir können nicht auf alle
Rücksicht nehmen!**

Idiot
Irgendwo in Deutschland

- 1. WTF is accessibility?**
- 2. Wie setzt man dat nu um?**
- 3. Muss das sein?**

1. WTF is accessibility?



13%

Menschen aus Deutschland, die offiziell mit einer Behinderung leben. (Quelle: [DESTATIS](#))

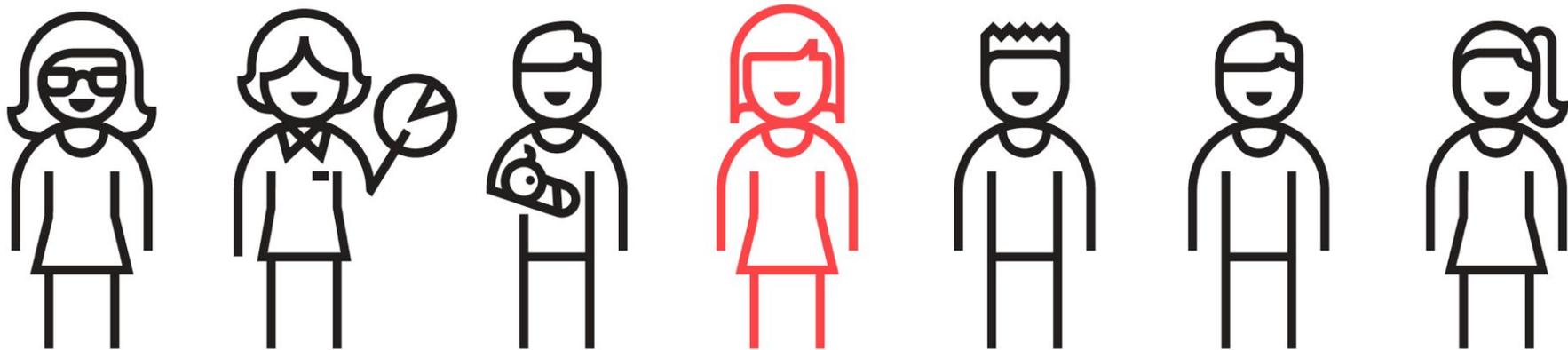
Accessible design focuses on people with physical, mental, or environmental conditions limit.

Definition of Accessibility

Quelle: [UsabilityFirst](#)

Accessibility
Inclusive Design
Universal Design





Es geht *Beeinträchtigungen*, nicht nur um *Behinderungen*.



one arm



arm injury



new parent

permanent



situational

Beeinträchtigungen können dauerhaft oder auch nur situationsabhängig sein



one arm



arm injury



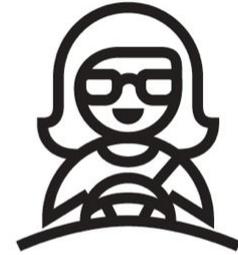
new parent



blind



cataracts



distracted driver



deaf



ear infection



bartender



deaf



ear infection



bartender

- Stark kurzsichtige Nutzer
- Menschen mit motorischen Einschränkungen
- Menschen mit kognitiven Einschränkungen
- Non-Native Speaker
- Menschen mit Lese-Rechtschreib-Schwäche

- Situationen, in denen Augen, Ohren oder Hände anderweitig beschäftigt sind
- Nutzer mit...
 - Displays mit geringer Farbtiefe
 - Schwarz-Weiß-Laserdrucker
- langsamer Internetverbindung
- alternativen Browsern oder Plattformen

2. Wie setzt man das nun um?

Content Maker

- Klare Hierarchie
- Beschreibende Links
- Alternative Inhalte
- Einfache Sprache

Table of Contents

- [1. Headline 1](#)
- [2. Newly added headline](#)
- [3. Headline 2](#)
 - [3.1. Sub heading 1](#)
 - [3.2. Sub heading 2](#)
- [4. Headline 3](#)

1 Headline 1

This is some text

2 Newly added headline

Wait, I've decided that this information is really important!

3 Headline 2

This is heading number two

3.1 Sub heading 1

3.2 Sub heading 2

4 Headline 3

In conclusion, this is an example

Author: Lee Hinman

Created: 2016-03-31 Thu 16:40

[Emacs](#) 25.1.50.1 ([Org](#) mode 8.2.10)

[Validate](#)

Content Maker

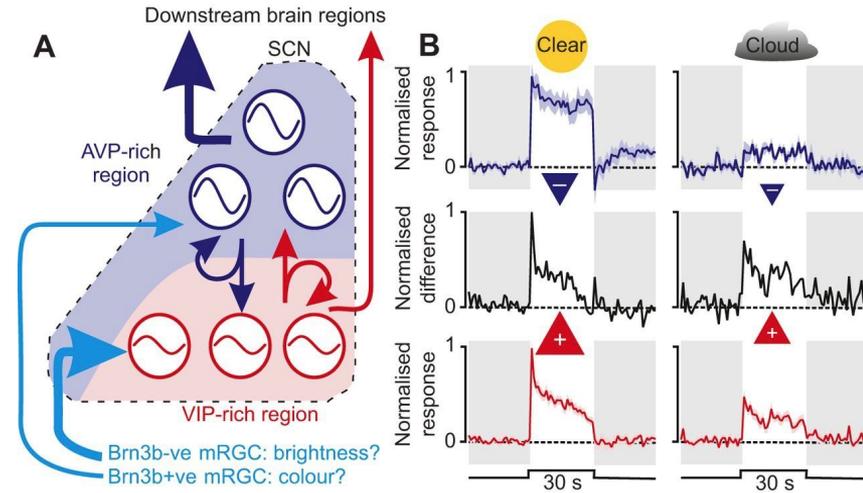
- Klare Hierarchie
- Beschreibende Links
- Alternative Inhalte
- Einfache Sprache

```
<a href="http://www.springload.co.nz/services/">  
  Read more  
</a>
```

```
<a href="https://www.springload.co.nz/services/">  
  Read more about what work we do at Springload.  
</a>
```

Content Maker

- Klare Hierarchie
- Beschreibende Links
- Alternative Inhalte
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Content Maker

- Klare Hierarchie
- Beschreibende Links
- Alternative Inhalte
- Einfache Sprache

Klare Worte.
Kurze Sätze.

Designer

- Visuelle Hierarchie
- Kontrast
- Information nicht allein über Farbe

The Chicago Manual of Style Online

Completely searchable and easy to use, *The Chicago Manual of Style Online* provides the latest publishing practices for the digital age. Now offering the same content as the print edition, it's available for everyone who works with words.

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The Chicago Manual of Style Online includes the popular [Chicago Style Q&A](#), a resource that thousands have found entertaining and informative. The Q&A content is fully searchable along with the content of *The Chicago Manual of Style*. Your queries will return results that are clearly distinguishable—from both the *Manual* and the *Chicago Style Q&A*. The *Chicago Style Q&A* also features monthly polls and interviews of interest to anyone who works with words.

The Chicago Manual of Style Online Forum

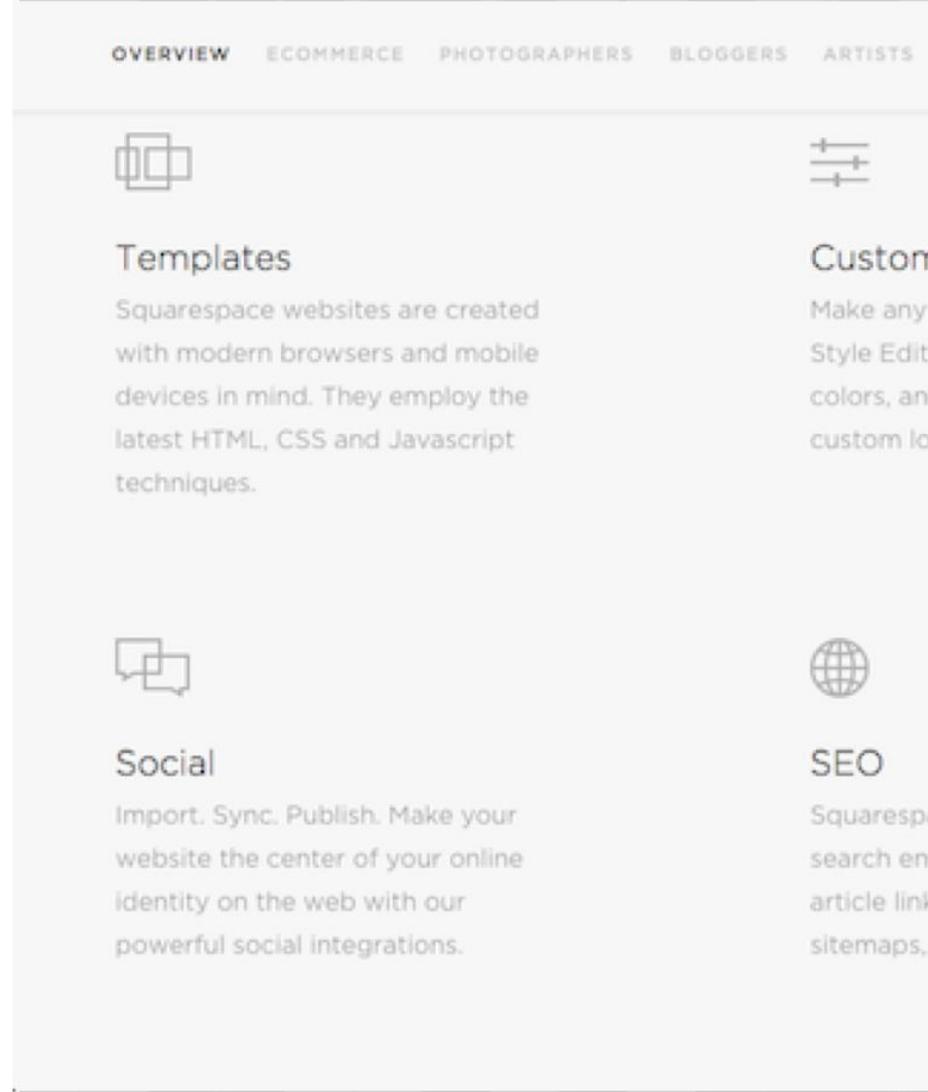
Exchange ideas and share information with others who work with words in *The Chicago Manual of Style Online* Forum. Click [here](#) to get started.

Tools

The Chicago Manual of Style Online also provides convenient [Tools](#) to help you work with words.

Designer

- Visuelle Hierarchie
- Kontrast
- Information nicht allein über Farbe



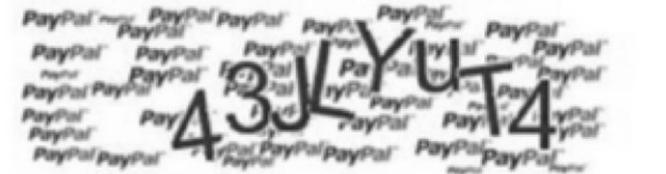
Designer

- Visuelle Hierarchie
- Kontrast
- Information nicht allein über Farbe

Sign up for PayPal, it's free.

Personal Account

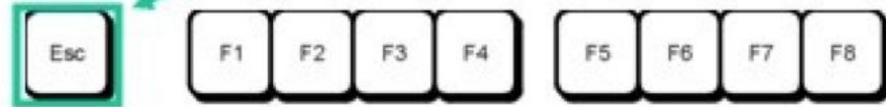
Shop, receive money, or just pay someone back for lunch. All without sharing your payment info.

Entwickler

- Keyboard Navigation
- ARIA nutzen
- :focus und :active
- Skip to content
- Systemkomponenten
- Nutzbare Inputs

Cancel current action



Tab through the links

Entwickler

- Keyboard Navigation
- ARIA nutzen
- :focus und :active
- Skip to content
- Systemkomponenten
- Nutzbare Inputs

<header role="b

<nav role="navigation">

- [Link #1](#)
- [Link #2](#)

<div id="main" role="main">

<section role="region">

<article role="article">

<header>

<footer>

<div id="application" role="application"> b

<div id="form" role="form">

<footer role="con

Entwickler

- Keyboard Navigation
- ARIA nutzen
- :focus und :active
- Skip to content
- Systemkomponenten
- Nutzbare Inputs



EAT24 @EAT24 · 23m

Humans dislike unpaired French Fri

RETWEETS

2

FAVORITE

1



12:15

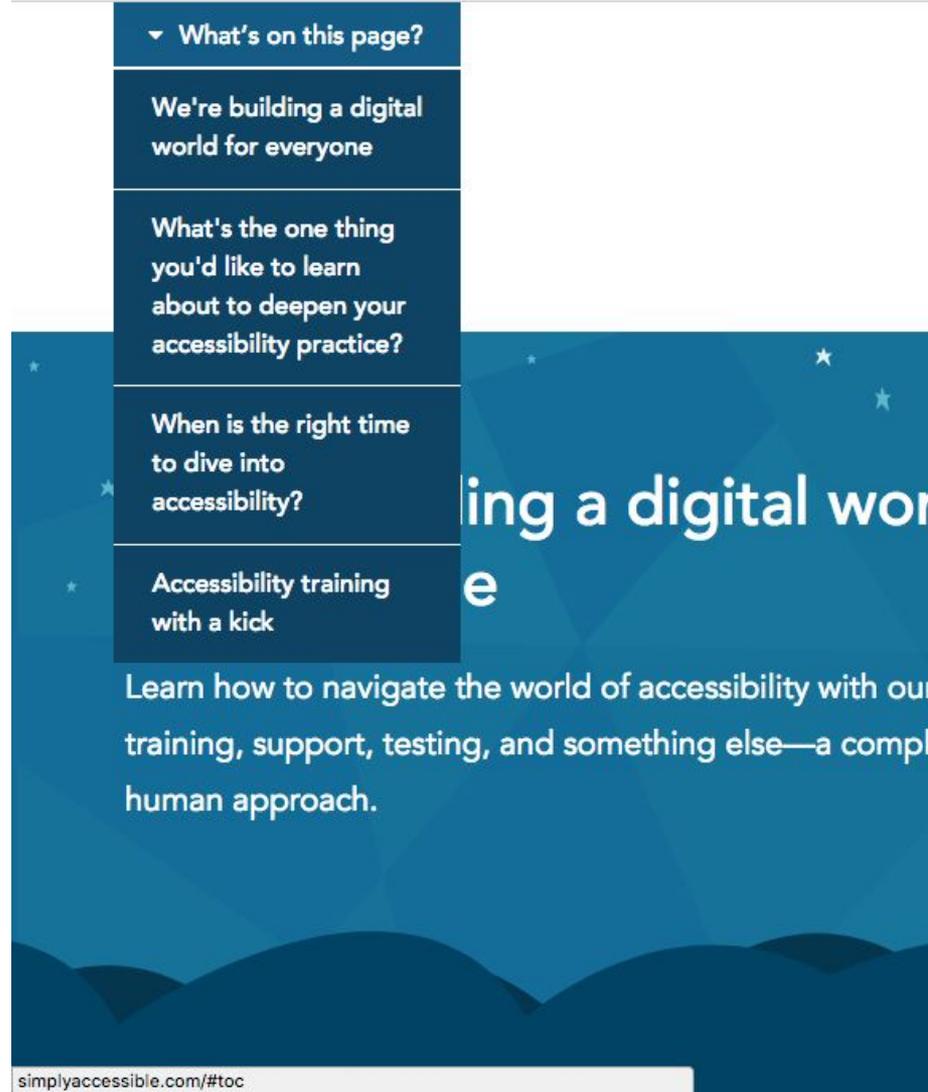
Retweet

ar 2015 · Details



Entwickler

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- :focus und :active
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Entwickler

- Keyboard Navigation
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- Nutzbare Inputs

The screenshot shows the top navigation bar of the New Zealand Red Cross website. The logo is on the left, and navigation links for 'What we do', 'First Aid', and 'About us' are on the right. Below the navigation is a teal header with the text 'FIRST AID >' and 'Book a first aid course'. The main content area features a form with two dropdown menus: 'Where are you?' and 'Which course are you after?'. The 'Where are you?' dropdown is open, showing a list of regions: 'Choose your region', 'North Island', 'Auckland Region', 'Bay of Plenty', 'Gisborne', 'Hawke's Bay', 'Manawatu / Whanganui', 'Northland', 'Taranaki', 'Waikato', 'Wairarapa', 'Wellington Region', 'South Island', 'Central Otago', 'Marlborough', and 'Nelson'. The 'Which course are you after?' dropdown is set to 'Choose your course'. Below the form, there are links for 'Advanced' and 'Online', and a section for 'Skills Module'.

Entwickler

- Keyboard Navigation
- ARIA nutzen
- :focus und :active
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- Nutzbare Inputs

Name:
Enter your full name

Email:
Enter your email ID

Password:
Use strong password

Sign-up

A very basic

Focus on the Basics!

Web Accessibility in 60 Seconds

By David A. Kennedy

The 60-second test:

- Headings
- No styles
- :focus

Drupal - Open Source CMS | x

Sicher | https://www.drupal.org

Niklas

The following apply to the entire page:

h1

WAVE
web accessibility evaluation tool

Styles No Styles Contrast

Outline

- h2 Search form
- h2 Build solutions with Drupal
- h2 News
- h3 Community Spotlight: Rwandan enthusiasm for Drupal causes big challenge
- h2 DrupalCon Vienna
- h2 Drupal news in your inbox
- h2 Explore Drupal in your industry
- h2 Partner and Contributor Case Studies
- h2 Community Case Studies
- h2 Drupal is powered by an open source community
- h4 News items
- h4 Our community
- h4 Documentation
- h4 Drupal code base
- h4 Governance of community

Download & Extend Community Documentation Support Jobs Marketplace About

Search

Log

in.

view

profile.

and

more

“Outline” checken: Hast du eine vernünftige Struktur?

Drupal - Open Source CMS | D x Niklas

Sicher | <https://www.drupal.org>

WAVE
web accessibility evaluation tool

Styles No Styles Contrast

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- h2 Search form
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 - h4 News items
 - h4 Our community
 - h4 Documentation
 - h4 Drupal code base
 - h4 Governance of community

The following apply to the entire page:

- h1

[Skip to main content](#) [Skip to search](#)

Schalte die Styles ab: Ergeben die Inhalt noch [Sinn](#)?

Drupal - Open Source CMS | D X Niklas

Sicher | <https://www.drupal.org>

The following apply to the entire page:

h1

WAVE
web accessibility evaluation tool

Styles No Styles Contrast

Details
Filter: Full

Errors (7)

- 4 X Missing alternative text
- 1 X Linked image missing alternative text
- 2 X Spacer image missing alternative text

Alerts (8)

- 1 X Missing first level heading
- 1 X Skipped heading level
- 1 X Broken same-page link
- 1 X Suspicious link text
- 3 X Redundant link
- 1 X Redundant title text

Download & Extend Community Documentation Support Jobs Marketplace About

Search

Log

in

view

profile

and

more

Gibt WAVE irgendwelche Fehler aus?

Drupal - Open Source CMS | D X Niklas

Sicher | <https://www.drupal.org>

[Skip to main content](#)

Download & Extend Community Documentation Support Jobs Marketplace About

Drupal™

Launch, manage, and scale ambitious digital experiences—with the flexibility to build great websites or push beyond the browser. Proudly open source.

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Build solutions with Drupal [Learn More](#)

News

Community Spotlight:
Rwandan enthusiasm for Drupal causes big challenge

Drupal looking to adopt React
Progress on the Salesforce Suite for D8 and a Call for Participation
An update on projects created for Drupal

Drupal™ Jobs

Where job seekers and people looking for Drupal talent come together

Navigiere über die Tastatur



3. Muss das sein?



13%

Menschen aus Deutschland, die offiziell mit einer Behinderung leben. (Quelle: [DESTATIS](#))

Soziale Faktor:

- Alternde Gemeinschaft
- Schlechte Internetverbindung oder alte Technologie
- Menschen mit geringer Lese- oder Schreibfähigkeit

Accessible Websites profitieren von:

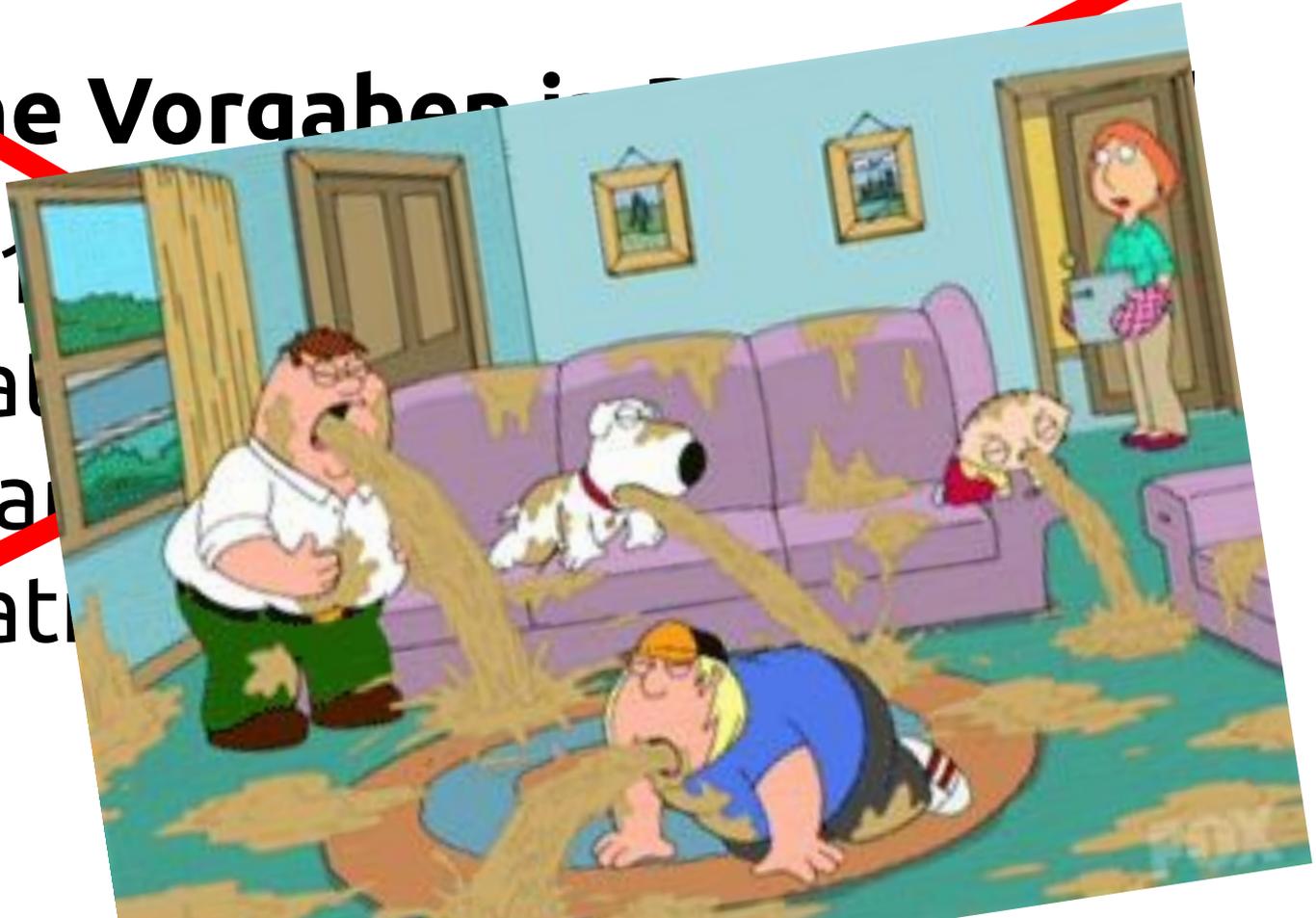
- Besserem SEO
- Rechtliche Risiken werden reduziert
- Demonstration der eigenen Social Responsibility

Rechtliche Vorgaben in Deutschland

- BGG §11: Barrierefreie Informationstechnik
- BITV: Barrierefreie Informationstechnik-Verordnung

~~Rechtliche Vorgaben in...~~

- BGG §11
Informationspflicht
- BITV: Barrierefreiheit
Informationspflicht



Rechtliche Vorgaben in Österreich

- Verpflichtend für Online-Shops
(seit Januar 2016)
- stützt sich auf die Web Content
Accessibility Guidelines (kurz **WCAG**)

Country	Name	Date enacted	Type (Policy, law, legislation, etc.)	Scope	Web Only	WCAG Version Used
Australia	Disability Discrimination Act 1992 (DDA)	1992	Non-discrimination law	Public sector, Private sector	no	WCAG 2.0
Australia	Procurement Standard Guidance	2016	Procurement recommendation	Government	no	WCAG 2.0
Canada	Canadian Human Rights Act	1985	Non-discrimination law	Public sector, Private sector	no	None
Canada	Policy on Communications and Federal Identity	2016	Mandatory policy	Government	no	WCAG 2.0
China	Law on the Protection of Persons with Disabilities 1990, as amended	2008	Accessibility law	Public, Private	no	None
China	Voluntary Web Accessibility Standard	2008	Recommendation	Government	yes	WCAG 2.0 derivative
Denmark	Agreement on the use of open standards for software in the public sector	2007	Mandatory policy	Public sector	yes	WCAG 2.0
European Union	Web and Mobile Accessibility Directive	2016	Accessibility law	Public sector	no	WCAG 2.0
European Union	European Accessibility Act (proposed)	draft	Proposed law	Public sector, Private sector	no	WCAG 2.0 derivative
Finland	Act on Electronic Services and Communication in the Public Sector	2003	Accessibility law	Government	no	None
France	Law N° 2005-102 Article 47	2005	Accessibility law	Public sector	no	None

Ressourcen

- A11y project
- WebAIM Blog
- VOX Accessibility Checklist
- Ressourcensammlung a11y.me
- Inclusive Design Manual
- Inclusive Design Components

Thanks

dogoodux.com/a11y101

A close-up photograph of a man with light-colored hair, wearing a dark suit, white shirt, and dark tie. He is looking downwards with a serious expression. A blue rectangular box with white text is overlaid on the right side of the image. The background is a light blue wall with a large black letter 'A' partially visible.

Fragen?