



I Care



Ischa Gast
Front-end developer

Stap
voor
stap



NEUW!

How can we help you?

-  Departures
-  Arrivals
-  Transfers
-  Check-in & baggage
-  Things to do at Schiphol

What makes Schiphol the
world's most relaxed airport?





Sorry



Huh?



Gekke
Gast

Liefde



Marktplaats

Colour Contrast Analyser

Foreground Colour

Picker

#FFFFFF

Show RGB Sliders

Background Colour

Picker

#FF7700

Show RGB Sliders

Luminosity

Colour/Brightness

Colour Deficiency

Contrast Ratio: 2.7:1

Normal text

Large text

✗ Fail AA

✗ Fail AAA

✗ Fail AA

✗ Fail AAA



Draadloze deurbel van Grundig met 1 of 2 ontvangers

70% korting!

van € 49,95
voor € 14,95

Bekijken



Bekijken

YouTube

The image shows a screenshot of the YouTube homepage on a blue background. The YouTube logo and navigation menu are visible on the left. A 'Colour Contrast Analyser' window is overlaid on the right, showing the contrast between the white text '#FFFFFF' and the red background '#FF0000'. The contrast ratio is 4.0:1, which passes AA but fails AAA. The analyser also shows tabs for 'Luminosity', 'Colour/Brightness', and 'Colour Deficiency', and a 'Show RGB Sliders' button.

YouTube

- Home
- Trending
- History
- Get YouTube Red
- Get YouTube TV

BEST OF YOUTUBE

- Music
- Sports
- Gaming
- Movies
- TV Shows
- News
- Live

Colour Contrast Analyser

Foreground Colour: #FFFFFF

Background Colour: #FF0000

Contrast Ratio: 4.0:1

Text Size	Contrast Ratio	Result
Normal text	4.0:1	Fail AA
Normal text	4.0:1	Fail AAA
Large text	4.0:1	Pass AA
Large text	4.0:1	Fail AAA

#E82026



Persoonlijke Doelen



Meest toegankelijke
airport website
maken van de wereld

Het geven van
een niet saaie presentatie
over toegankelijkheid



Let's Go!



Certificate

OF COMPLETION

This is to certify that

Ischa Gast

has completed the curriculum for

Web Accessibility Specialist

Deque

Schiphol
Amsterdam Airport

Vluchttijden

Parkeren

Shop en eet

Meer ▾

Zoeken

Feedback

Vertrek

→

Elements

Console

Sources

Network

Performance

Memory

Application

Security

Audits

HTTPS Everywhere

ChromeLens

aXe-Coconut

aXe

SnappySnippet

5 1

⋮

✕

axe

i

Violations found1

Needs review8

Run again

show: all ▾

Content should be contained in a landmark region1

Elements must have sufficient color contrast6

Frames must be tested with axe-core1

The skip-link target should exist and be focusable1

Content should be contained in a landmark region

</> Inspect Node Highlight

Issue description

Ensures all content is contained within a landmark region

Impact: moderate

Learn more

Element location

html

Element source

<html class="javascript" lang="nl" data-sentry-dsn="https://15eec8dfd1104d25b2cb5f881336395d@app.getsentry.com/90299" data-ver="20180429.132713-1d3f2eb47926f8a9472375c74315e2df674dc7fd.tar.gz" data-env="prod" data-gtm-id="GTM-N24XQ4" style="">

Issue tags: category: keyboard best-practice

>

To solve this violation, you need to:

Fix the following:

Content not contained by an ARIA landmark

Related nodes:

</> Inspect (1)

div[data-component="attention-bar"] > h2

</> Inspect (2)

.contact-block__title

</> Inspect (3)

axe Core

Feedback



```
▶ <head>...</head>
▼ <body marginwidth="0" marginheight="0">
...    == $0
      </body>
    </html>
  </iframe>
</div>
<script src="https://analytics.twitter.com/i/adsct?
p_id=Twitter&p_user_id=0&txn_id=...
twtr.conversion.loadPixels&tw_document_href=https%3A%2F%2Fusabilla.com%2F"
```

Usabilla

- ✗ <https://www.schiphol.nl/nl/>
 - Images must have alternate text
- ✗ <https://www.schiphol.nl/en/>
 - Images must have alternate text
- ✗ <https://www.schiphol.nl/nl/werken-bij-schiphol/>
 - Images must have alternate text
- ✗ <https://www.schiphol.nl/nl/schiphol-group/>
 - Images must have alternate text

Afbeeldingen moeten een
alternatieve
tekst hebben



Snel
oplossen

Skip links

Spring naar de inhoud



Vertrek

Uitgebreide vluchtinformatie en persoonlijke reistips



Aankomst

Aankomende vluchten en alles voor een warm welkom



Parkeerplaats reserveren

Kort of lang parkeren, op een plek die bij je past



Lees meer knoppen

```
<a href="http://schiphol.nl">  
  Lees meer <span class="visuallyhidden">over [titel]</span>  
</a>
```

Focus styles

Bereid je goed voor



Handbagage

Wat mag je meenemen in je handbagage? En wat niet?



Ruim- en afwijkende bagage

Wat is ruimbagage en wat check je in als afwijkende bagage?



Vervoer naar Schiphol

Schiphol is goed bereikbaar met de trein, bus, taxi en auto.



Inchecken

Je kunt online inchecken of op Schiphol. Wat is handig voor jou?



Paspoort en reisdocumenten

Is je paspoort nog geldig? En heb je een visum of ESTA nodig?



Security check

Bereid je goed voor en ga soepel en snel door de security check.

Kleur contrast

Colour Contrast Analyser

Foreground Colour

#000000

Background Colour

#FFFFFF

Contrast Ratio: 21.0:1

	Normal text	Large text
✓	Pass AA	✓ Pass AA
✓	Pass AAA	✓ Pass AAA



Definition Of Done

Designing for users on the autistic spectrum

Do...

Don't...

use simple colours

use bright contrasting colours

write in plain language

Do this.

use figures of speech and idioms

use simple sentences and bullets

create a wall of text

make buttons descriptive

Attach files

make buttons vague and unpredictable

Click here!

build simple and consistent layouts

build complex and cluttered layouts

Designing for users of screen readers

Do...

Don't...

describe images and provide transcripts for video

<alt>

only show information in an image or video

follow a linear, logical layout

spread content all over a page

structure content using HTML5

<h1>
<nav>
<label>

rely on text size and placement for structure

36pt, bold
Header

build for keyboard use only

force mouse or screen use

write descriptive links and headings

Contact us

write uninformative links and headings

Click here

Designing for users with low vision

Do...

Don't...

use good colour contrasts and a readable font size

Aa

use low colour contrasts and small font size

Aa

publish all information on web pages

bury information in downloads

use a combination of colour, shapes and text

Start

only use colour to convey meaning

follow a linear, logical layout

200% magnification

spread content all over a page

200% magnification

put buttons and notifications in context

Submit

separate actions from their context

Submit

Designing for users with dyslexia

Do...

Don't...

use images and diagrams to support text

use large blocks of heavy text

align text to the left and keep a consistent layout

underline words, use italics or write in capitals

DON'T DO THIS

consider producing materials in other formats (for example, audio or video)

force users to remember things from previous pages - give reminders and prompts

keep content short simple, make clear prompts

rely on accurate spelling, don't provide autocorrect

dyslexia
dsyle

let users change the contrast between background and text

put too much information in one place

Designing for users with physical or motor disabilities

Do...

Don't...

make large clickable actions

Yes

demand precision

No

give form fields space

bunch interactions together

design for keyboard or speech only use

Tab

make dynamic content that requires a lot of mouse movement

1
2
3
2a
2b
2c

design with mobile and touchscreen in mind

have short time out windows

Your session has timed out

provide shortcuts

Postcode

Find address

tire users with lots of typing and scrolling

Address

Designing for users who are D/deaf or hard of hearing

Do...

Don't...

write in plain language

Do this.

use complicated words or figures of speech

use subtitles or provide transcripts for videos

put content in audio or video only

use a linear, logical layout

make complex layouts and menus

break up content with sub-headings, images and videos

make users read long blocks of content

let users ask for their preferred communication support when booking appointments

make telephone the only means of contact for users

POSTER
PLAKKEN



Pratje



Plaatje



Do it!



Thanks!



Gebruikerstest

A man in a grey suit, white shirt, and grey tie is holding a yellow rectangular sign in front of his chest. He is looking down at the sign with a serious expression. The background is a grey wall with a corkboard on the left and a large orange square on the right.

budget

zoeken

[Home](#) [Audits](#) [Advies & Consultancy](#) [Implementatie](#) [Trainingen](#) [Over toegankelijkheid](#) [Projecten en publicaties](#) [Kennisbank](#)**Innovatie**

- › [Google Glass](#)
- › [Serious Games](#)
- › [Richtlijnen en Regelgeving](#)
- › [Internationaal](#)
- › [Meer projecten](#)

Zoek een [toegankelijke bouwer](#)**Audits**

Onderzoek van websites en apps op kwaliteit en toegankelijkheid.

Advies & Consultancy

Onafhankelijk advies in alle fasen van website-ontwikkeling.

Implementatie

Ondersteuning bij webprojecten. Toegankelijk maken van content.

Trainingen

Praktijkgerichte cursussen op het gebied van techniek, content en beleid.

Accessibility.nl



Woowow!



Verbeterpunten
uit de gebruikerstest



Search

Video transcriptie

Koppelen structuur

Document Outline Documents ▾ Collapse all Expand all

⚙ Web Developer

<https://www.schiphol.nl/nl/pagina/bagageregels/>

☐ 9 headings

<h1> Bagageregels - Wat mag ik meenemen in het vliegtuig?

<h2> Wat mag er mee in de handbagage?

<h3> Hoeveel vloeistof mag er mee in de handbagage?

<h2> Wat mag er mee als ruimbagage?

<h2> Wat mag ik importeren in buitenlandse bestemmingen?

<h2> Hoe kan ik afwijkende bagage meenemen?

Reizigers

Alle Schiphol websites ▼

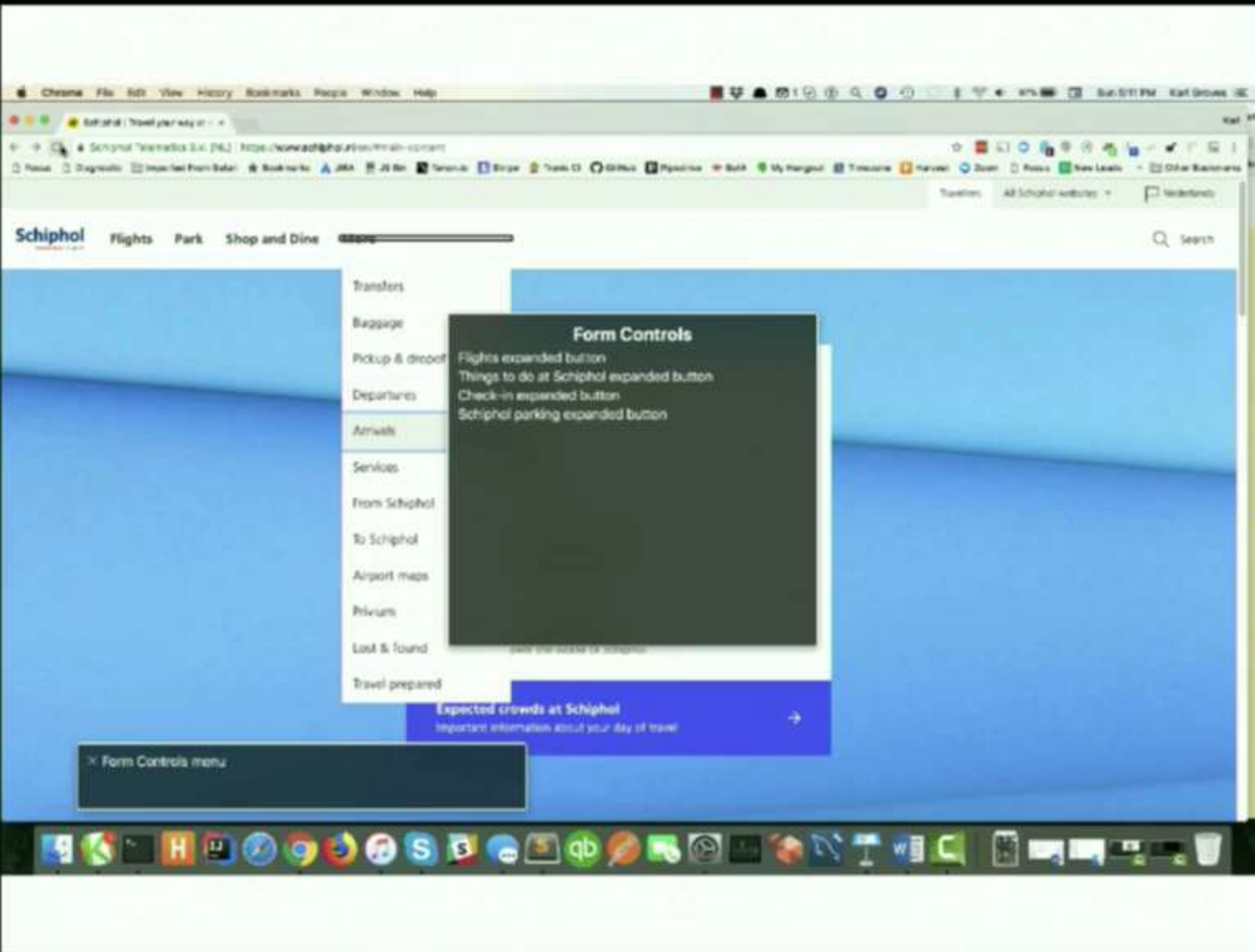
Aria-
expanded



Op locatie

“Ik heb het nog nooit zo goed gezien als ik ergens voor het eerst op locatie kom.”

— Brian Bors





YOU CAN DO IT



Molly Burke

Gebruik
correcte
HTML

Goede
koppelen
Structuur

Juiste
Contrast
ratio

Verwijder
geen
focus styles



Liefde



Thank you!

Twitter @ischagast

Website: ischagast.nl

Presentatie:

<https://ischagast.nl/presentatie/i-care>