

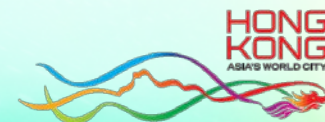
建立無障礙網頁 及無障礙流動應用程式研討會

政府資訊科技總監辦公室

2013年10月10日



政府資訊科技總監辦公室
Office of the Government Chief Information Officer



建立無障礙網頁及無障礙流動應用程式

Agenda

- Web Accessibility Campaign 無障礙網頁運動
- Testing Techniques 檢測網站技巧
- Common Pitfalls 常見的設計問題
- Resources 建立無障礙網頁的資源
- Web Accessibility Recognition Scheme 無障礙網頁嘉許計劃

Web Accessibility Campaign 無障礙網頁運動

Launched in October 2011

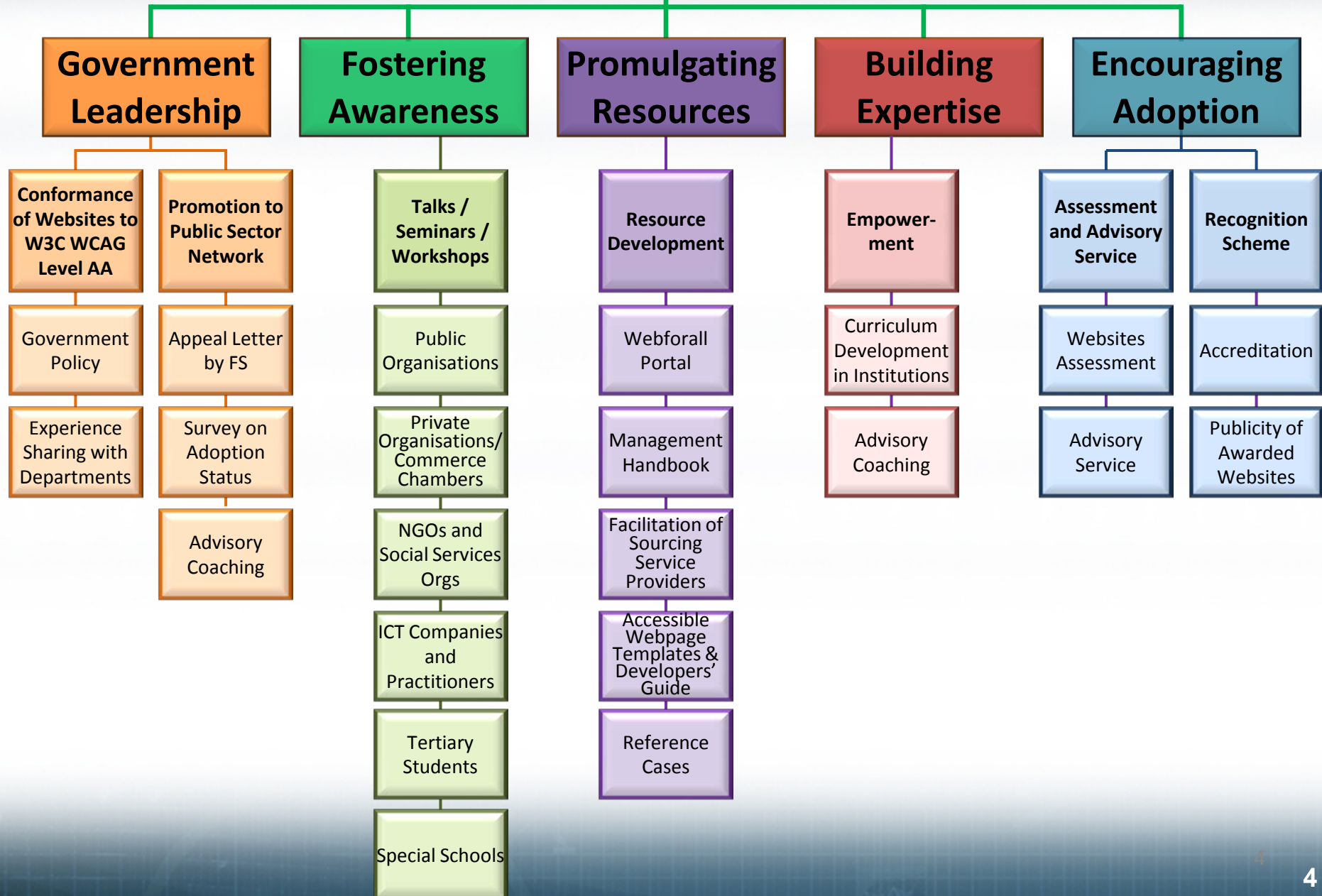
Objective

- To facilitate access to online information and services for all segments of the community including persons with disabilities
- To promote wider adoption of web accessibility design in both public and private websites

Video on Introduction of Web Accessibility

http://www.ogcio.gov.hk/tc/community/web_accessibility/recognition_scheme/video/wars_video2.mp4

Web Accessibility Campaign



Web Accessibility Campaign

積極領導

提高認知

Government Websites



Seminars & Workshops



Public-sector organisations



Over 3000 participants

Web Accessibility Campaign

發布資源

Webforall Portal

www.webforall.gov.hk



無障礙流動應用程式手冊

Mobile Applications Accessibility Handbook



無障礙網頁範本

Accessible Webpage Templates



```
<html>
<head>
<title>主頁</title>
<link rel="stylesheet" type="text/css" href="style.css" />
<META http-equiv="Content-Script-Type" content="text/javascript">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<script src="js/jquery-1.8.3.js"></script>
<script src="js/scroll.js"></script>
<script src="js/cycle.js"></script>
<script src="js/menu.js"></script>
<script src="js/script.js"></script>
</head>
```


Web Accessibility Campaign

培育專才

Incorporate Web Accessibility into ICT curricula



Web Accessibility Campaign

鼓勵採用

Web Accessibility Recognition Scheme 無障礙網頁嘉許計劃



- Reference to International standard
- Verified by persons with disabilities
- Free assessment and advisory services
- Webforall accreditation logos

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Testing Techniques 檢測網站技巧

Testing Steps

- Code Scanning (編碼掃描) /Code Review (編碼檢查)
- Visual Review (目視檢查)
- Manual Testing with Screen Reader (使用讀屏軟件進行手動檢測)
- Testing with Other Tools (使用其他檢測工具)
- Human Testing (使用者測試)

Testing Techniques 檢測網站技巧

1. Code scanning and review 編碼掃描和檢查

- Many accessibility issues can be detected automatically using specialist software and tools
- Example tools –
 - AChecker
 - WAVE
 - PDF Accessibility Checker

Code Scanning 編碼掃描

- <http://achecker.ca/checker/index.php>

The screenshot shows the ACHECKER Web Accessibility Checker interface. At the top, there are links for 'Login' and 'Register', and the 'Web Accessibility Checker' logo. Below the header, there are three tabs: 'Web Page URL', 'HTML File Upload', and 'Paste HTML Markup'. The 'Web Page URL' tab is active, showing an 'Address:' input field and a 'Check It' button. Below this, there is an 'Options' section with several checkboxes and radio buttons. Two yellow arrows point to specific parts of the interface: one points to the 'Address:' input field with the text 'Enter webpage address for testing', and another points to the 'Options' section with the text 'Select testing options'.

Check Accessibility By:

Web Page URL | HTML File Upload | Paste HTML Markup

Address:

Check It

Options

Enable HTML Validator Enable CSS Validator Show Source

Guidelines to Check Against

BITV 1.0 (Level 2) Section 508 Stanca Act

WCAG 1.0 (Level A) WCAG 1.0 (Level AA) WCAG 1.0 (Level AAA)

WCAG 2.0 (Level A) WCAG 2.0 (Level AA) WCAG 2.0 (Level AAA)

Report Format

View by Guideline View by Line Number

Welcome to AChecker. This tool checks single HTML pages for conformance with accessibility standards to ensure the content can be accessed by everyone. See the Handbook link to the upper right for more about the Web Accessibility Checker.

Web site engine's code is copyright © 2011

Code Scanning 編碼掃描

- Sample report - no known problem

The screenshot displays the ACHECKER Web Accessibility Checker interface. At the top, there are links for 'Login' and 'Register', and the 'Web Accessibility Checker' logo. The main content area is titled 'Check Accessibility By:' and includes three tabs: 'Web Page URL', 'HTML File Upload', and 'Paste HTML Markup'. The 'Web Page URL' tab is active, showing an 'Address:' field with the URL 'http://www.cityu.edu.hk' and a 'Check It' button. Below this is an 'Options' link. The 'Accessibility Review' section shows the 'Export Format' set to 'PDF' and 'Report to Export' set to 'All'. The review results are displayed as follows:

- Known Problems (0)
- Likely Problems (2)
- Potential Problems (505)
- HTML Validation
- CSS Validation

A red-bordered box highlights the message: **✔ Congratulations! No known problems.**

Code Scanning 編碼掃描

- Sample report – known web accessibility problem

Accessibility Review

Accessibility Review (Guidelines: [WCAG 2.0 \(Level AA\)](#))

Known Problems(9)

Likely Problems (1)

Potential Problems (215)

1.1 Text Alternatives: Provide text alternatives for any non-text content

Success Criteria 1.1.1 Non-text Content (A)

Check 1: [img element missing alt attribute.](#)

Repair: Add an `alt` attribute to your `img` element.

2.4 Navigable: Provide ways to help users navigate, find content, and determine where they are.

Success Criteria 2.4.4 Link Purpose (In Context) (A)

Check 174: [Anchor contains no text.](#)

Repair: Add text to the `a` element or the `title` attribute of the `a` element or,

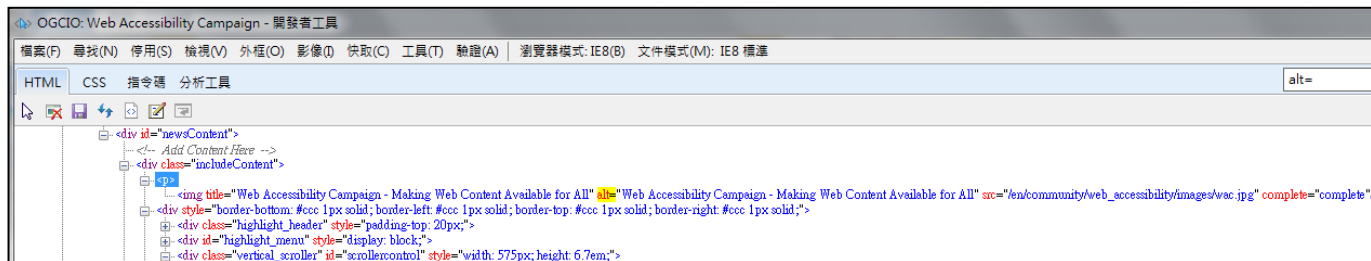
✘ *Line 228, Column 39:*

Code Review 編碼檢查



alt="Web Accessibility Campaign - Making Web Content Available for All"

Press F12 in browser software to view the code



Source : www.webforall.gov.hk/en

Testing Techniques 檢測網站技巧

2. Visual review 目視檢查

- A simple look at a website can reveal many potential web accessibility issues for persons with disabilities
 - Can the content be easily read?
 - Is the text too small?
 - Does it use pale coloured text on a pale background, making the text hard to read?
 - Move around the webpage using just a keyboard. Can we access all the links and functions?
- Example tools –
 - Vischeck
 - Colour Contrast Check

Vischeck

- <http://www.vischeck.com/vischeck/>
- showing you what things look like to someone who is colour blind



www.ogcio.gov.hk



How the webpage looks to a person with a red/green color deficit (deuteranopia)

Colour Contrast Check

- http://snook.ca/technical/colour_contrast/colour.html
- Text have a contrast ratio of at least 4.5 : 1 between the background and the foreground

The image shows a screenshot of a color contrast checker tool. It is divided into three main sections: 'Foreground Colour', 'Background Colour', and 'Results'.

Foreground Colour: The selected color is #007897. Below the color swatch are sliders for Red, Green, Blue, Hue (°), Saturation (%), and Value (%).

Background Colour: The selected color is #F1F1F1. Below the color swatch are sliders for Red, Green, Blue, Hue (°), Saturation (%), and Value (%).

Results: This section displays a sample text: "This is example text. **Some of it bolded.** *Some of it italicized.*". Below the text are several metrics and compliance checks:

Brightness Difference: (>= 125)	153.34
Colour Difference: (>= 500)	452
Are colours compliant?	sort of..
Contrast Ratio	4.5
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	NO
WCAG 2 AAA Compliant (18pt+)	YES

Testing Techniques 檢測網站技巧

3. Manual testing with screen readers 使用讀屏軟件進行手動檢測

- Navigate website and access the content through the screen readers
- Example tools –
 - Jaws
 - NVDA
 - VoiceOver

Testing Techniques 檢測網站技巧

4. Manual testing with other assistive technologies

使用其他檢測工具

- Screen magnification tools and voice control tools
- Example tools –
 - ZoomText
 - Dragon Naturally Speaking

Testing Techniques 檢測網站技巧

5. Human testing 使用者測試

- The most thorough approach to ensure web accessibility is to test a website by persons with disabilities
- Some organisations supporting persons with disabilities offer human testing services

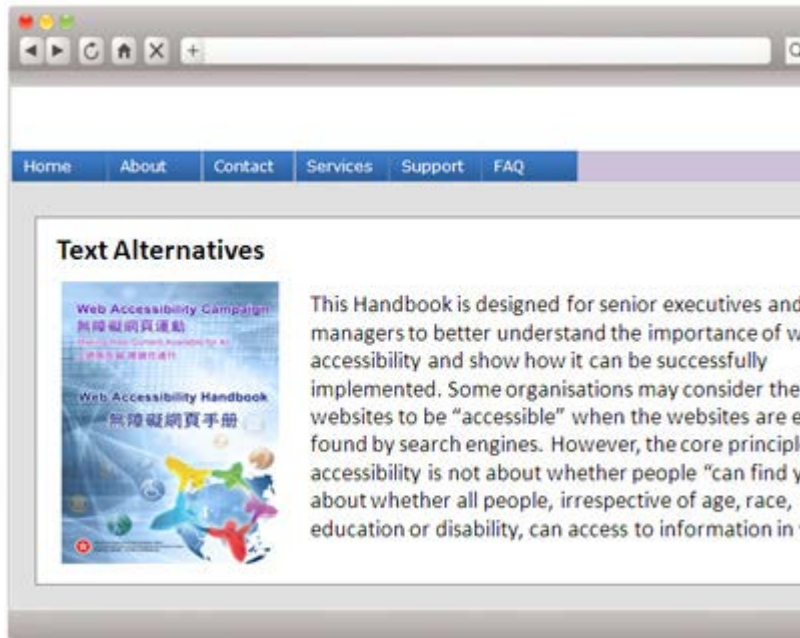
建立無障礙網頁及無障礙流動應用程式

Agenda

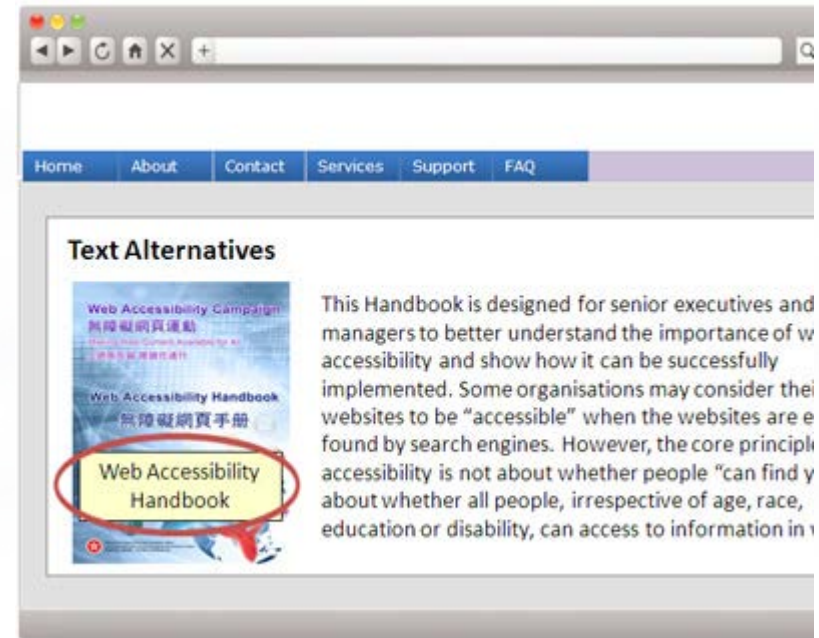
- Web Accessibility Campaign 無障礙網頁運動
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1. Meaningful Text Alternative

- All non-text contents, such as icons, photos, pictures, images, banners and maps, should have a text alternative



Screen reader cannot read the picture



A text description that can be read by the screen reader

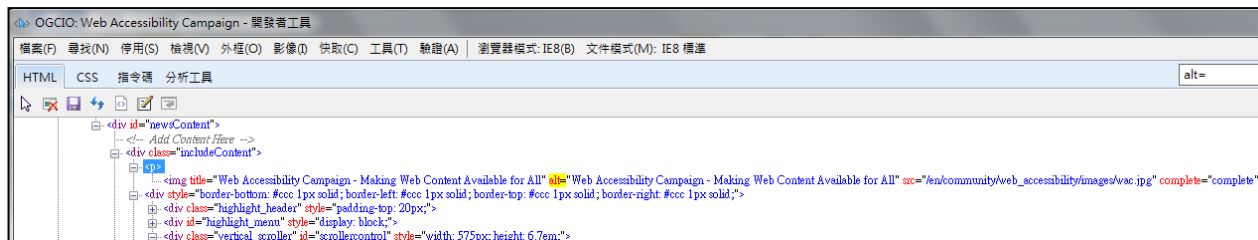
1. Meaningful Alternative Text Description

Testing: Code Review, Manual Testing with Screen Reader



alt="Web Accessibility Campaign - Making Web Content Available for All"

Press F12 in browser software to view the code



Source : www.webforall.gov.hk/en

2. Flash / Animated Content

- Provide accessible Flash/Animated content or allow skip function



Flash content blocks the user from getting to main content



Include accessible "Skip" option allow user to skip Flash content

2. Flash / Animated Content

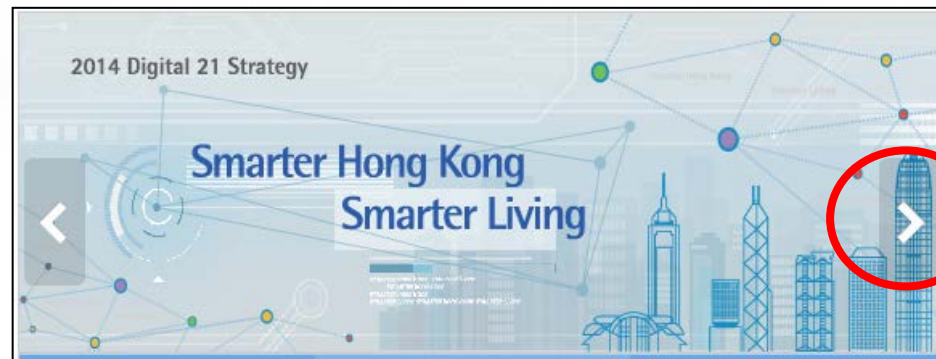
Testing: Visual Review, Manual Testing with Screen Reader

e.g. 1



Accessible

e.g. 2

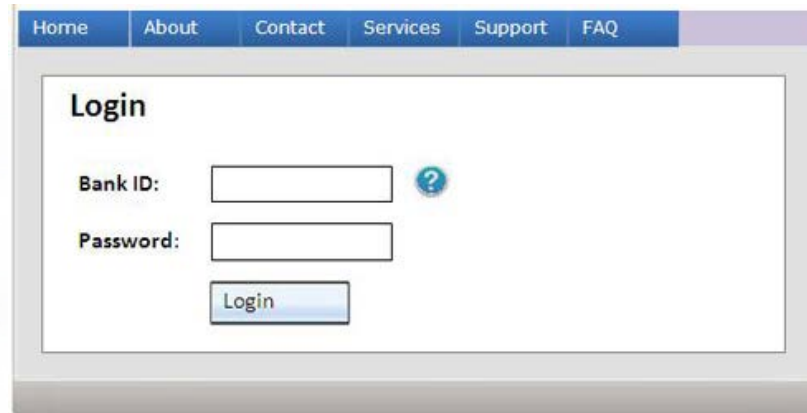


Provide Stop or Next Option

Source : www.ogcio.gov.hk

3. Keyboard Interface

- All functions on a webpage are operable through a keyboard interface; the operation shall not enforce a time limit for individual keystrokes



```

```

People using a keyboard interface may not be able to navigate to the help function provided

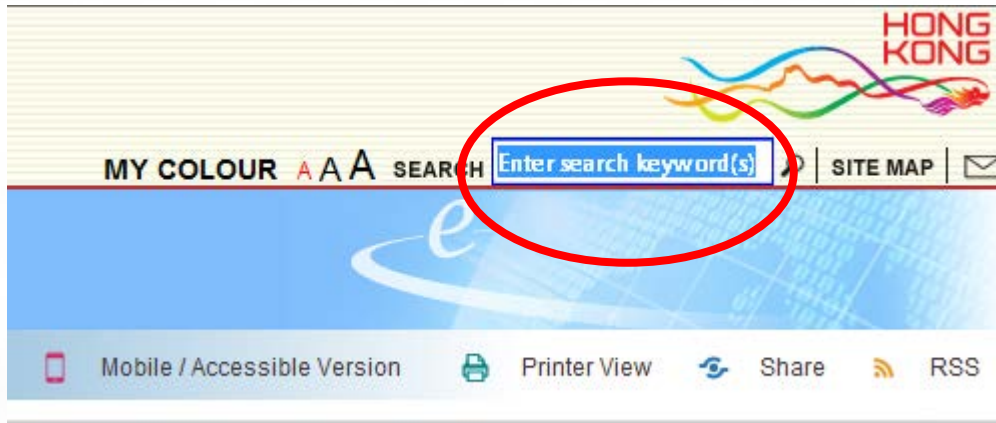
```

```

Allow users to access all content and functions with a keyboard interface

3. Keyboard Interface

Testing: Code Review, Manual Testing with Screen Reader



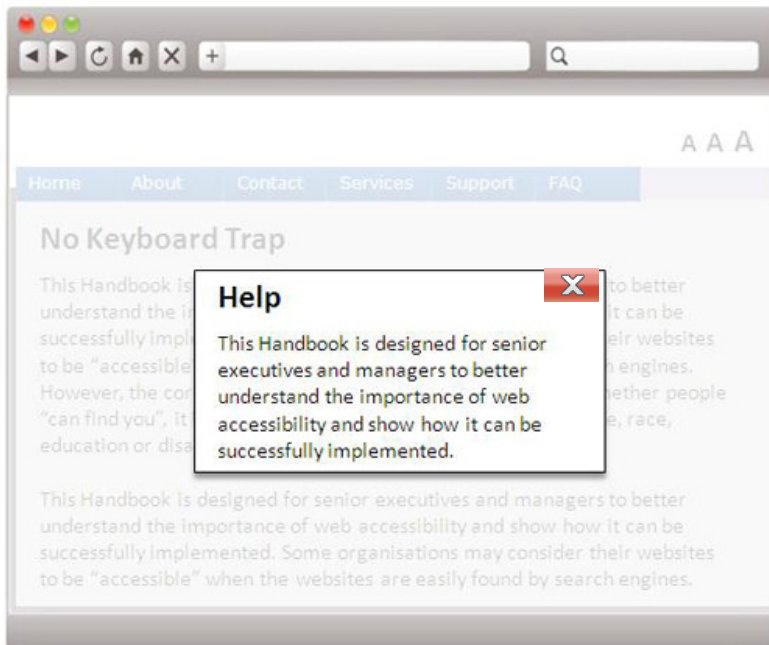
Press F12 in Browser software to view the code

```
onkeypress="if(this.value=='Enter search keyword(s)')this.value=""
```

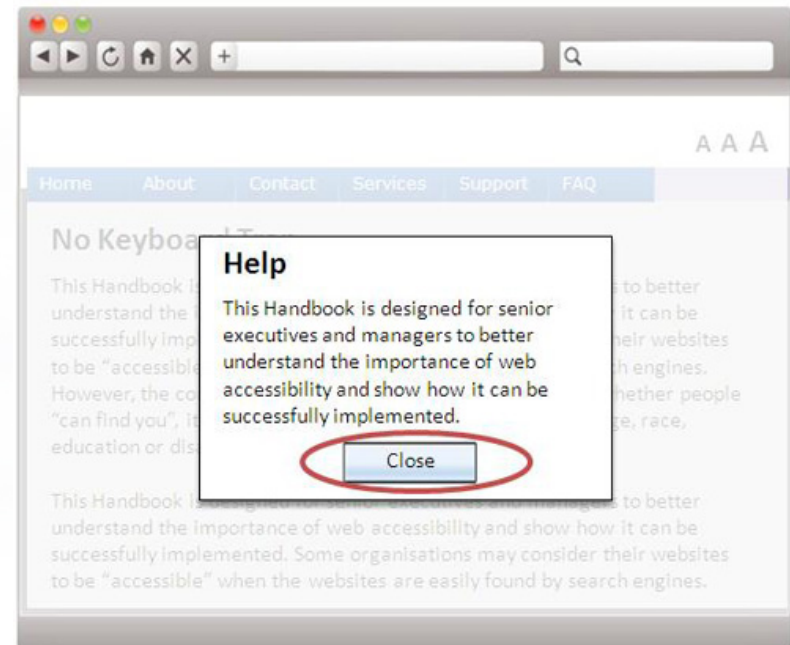
Source : www.webforall.gov.hk/en

4. Popup Windows

- A close button shall be included to allow closing the popup window through keyboard interfaces



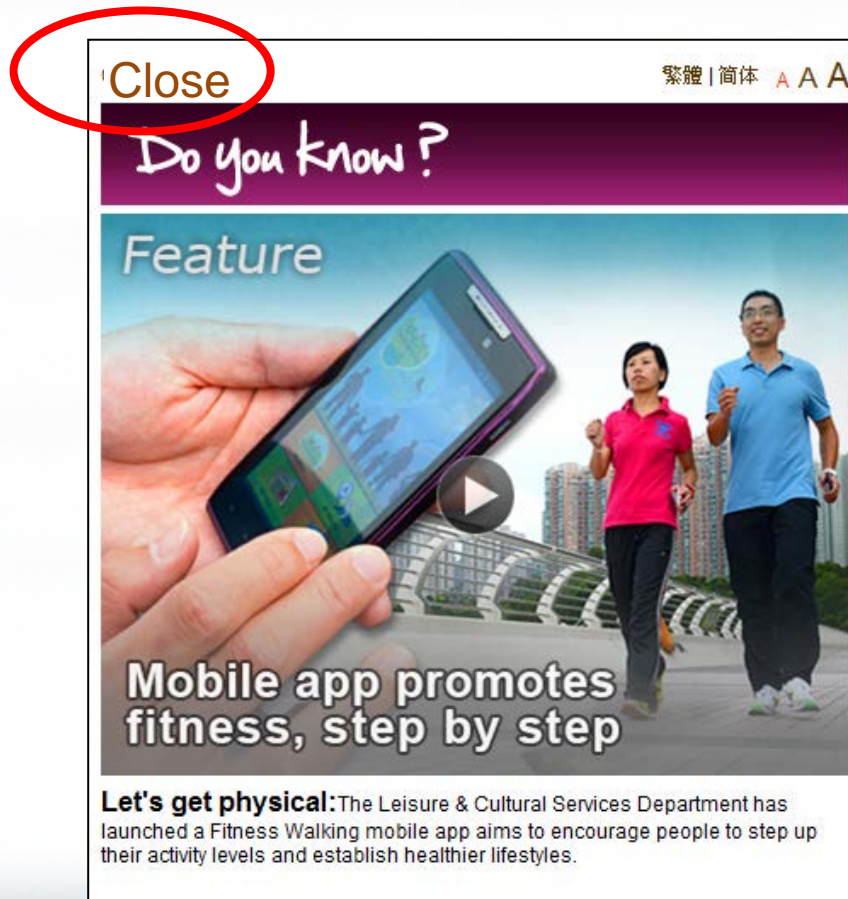
No ways to close the popup window using a keyboard



Include a Close button to close the popup window

4. Popup Windows

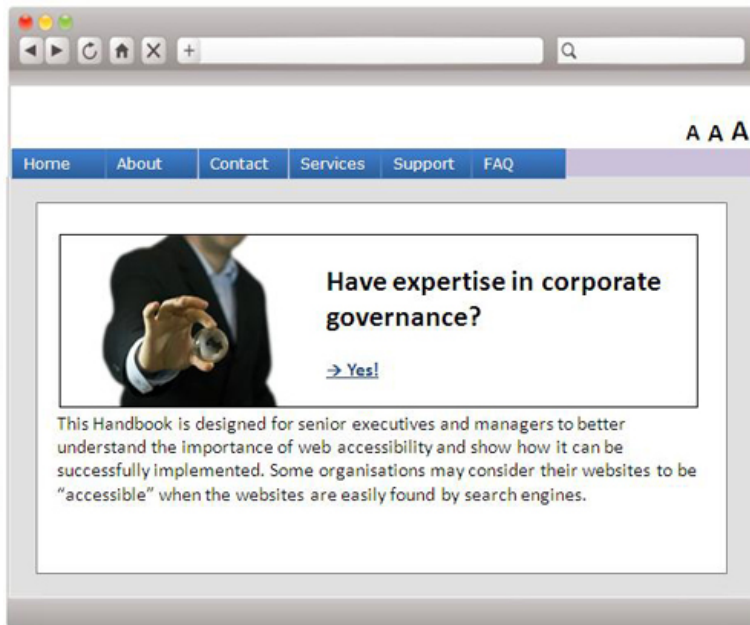
Testing: Visual Review, Manual Testing with Screen Reader



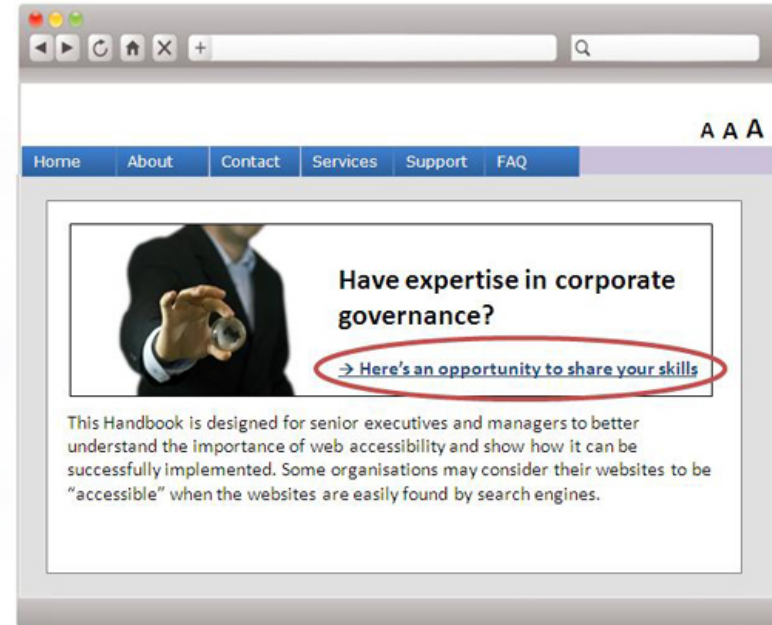
Source : www.gov.hk

5. Links

- either the link text alone or the text preceding the link is clear and meaningful in order to help users navigate



The link "Yes" is ambiguous and does not really convey much meaning



Link labels should be more descriptive and self-explanatory

5. Links

Testing: Visual Review, Manual Testing with Screen Reader



Web Accessibility Campaign
無障礙網頁運動
Making Web Content Available for All
上網無阻礙 障健任通行

→ WHAT'S NEW

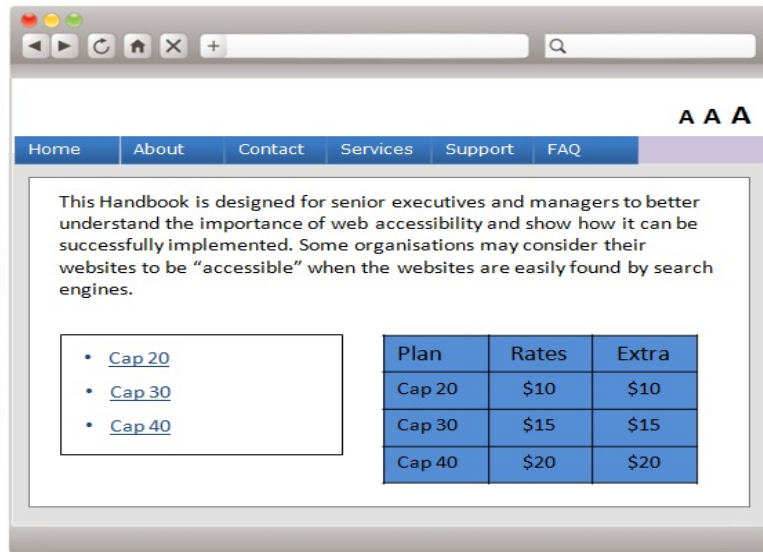
OGCIO launched accessible web templates and will provide technical support on the use of these templates to facilitate the adoption of web accessibility among non-governmental organisations and small and medium enterprises. Please click this link to download the templates for free.

April 2013

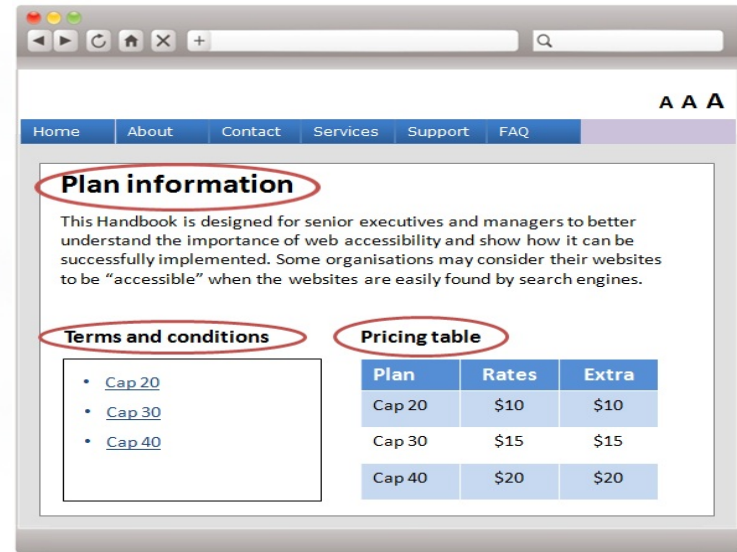
Source : www.webforall.gov.hk/en

6. Website Structure and Content

- Use heading mark-up (h1..h6) to identify headings in the content. Heading mark-up allows assistive technologies to present the heading status of text to users



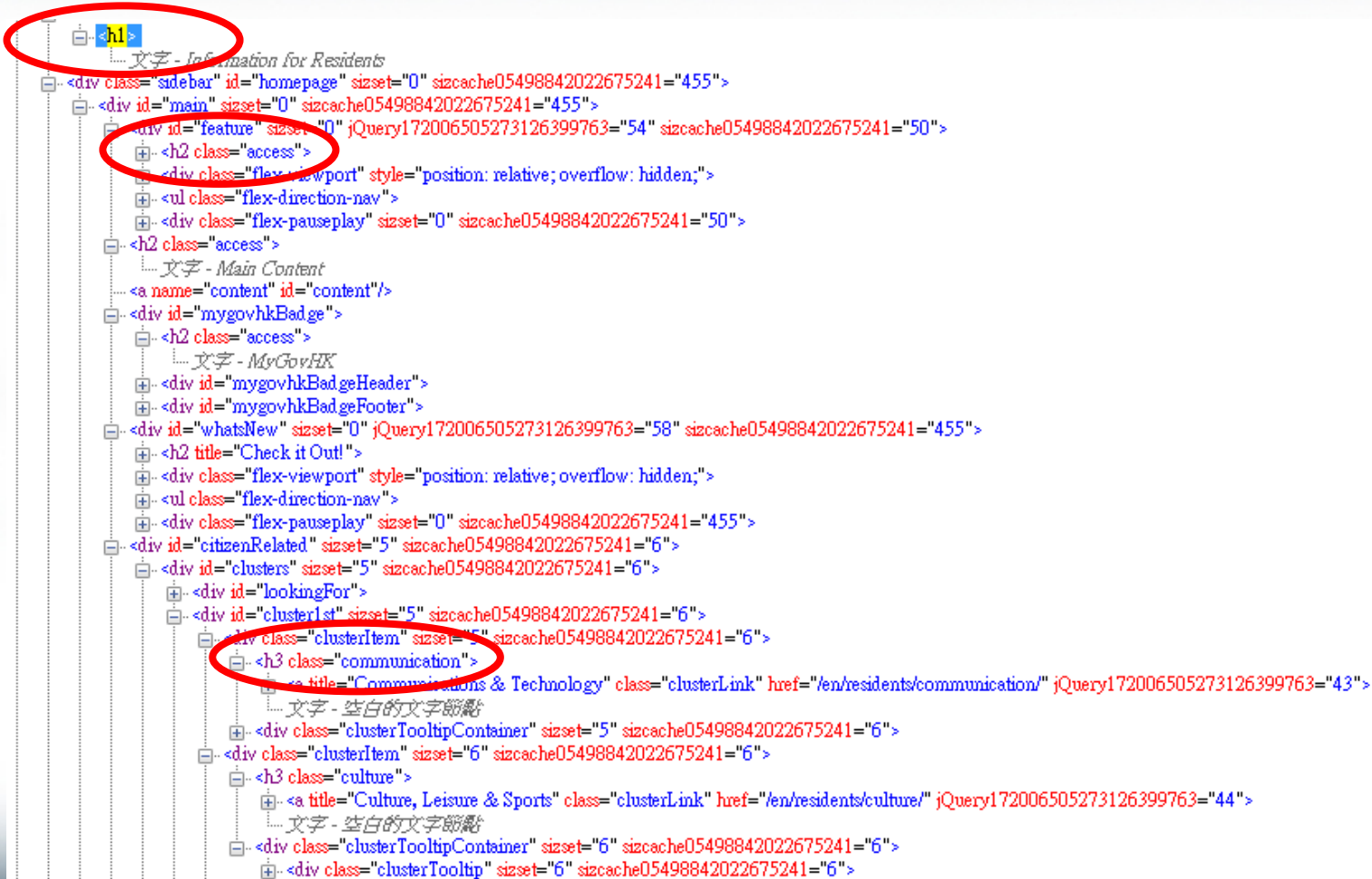
Missing heading structure



Provide semantic code for headings (h1,h2,h3) in the content

6. Website Structure and Content

Testing: Code Review, Manual Testing with Screen Reader



```
... <h1>
... 文字 - Information for Residents
<div class="sidebar" id="homepage" sizset="0" sizcache05498842022675241="455">
<div id="main" sizset="0" sizcache05498842022675241="455">
  <div id="feature" sizset="0" jQuery172006505273126399763="54" sizcache05498842022675241="50">
    <h2 class="access">
      <div class="flex-viewport" style="position: relative; overflow: hidden;">
        <ul class="flex-direction-nav">
          <div class="flex-pauseplay" sizset="0" sizcache05498842022675241="50">
            <h2 class="access">
              ... 文字 - Main Content
              <a name="content" id="content"/>
            <div id="mygovhkBadge">
              <h2 class="access">
                ... 文字 - MyGovHK
                <div id="mygovhkBadgeHeader">
                  <div id="mygovhkBadgeFooter">
            <div id="whatsNew" sizset="0" jQuery172006505273126399763="58" sizcache05498842022675241="455">
              <h2 title="Check it Out!">
                <div class="flex-viewport" style="position: relative; overflow: hidden;">
                  <ul class="flex-direction-nav">
                    <div class="flex-pauseplay" sizset="0" sizcache05498842022675241="455">
            <div id="citizenRelated" sizset="5" sizcache05498842022675241="6">
              <div id="clusters" sizset="5" sizcache05498842022675241="6">
                <div id="lookingFor">
                  <div id="clusterList" sizset="5" sizcache05498842022675241="6">
                    <div class="clusterItem" sizset="5" sizcache05498842022675241="6">
                      <h3 class="communication">
                        <a title="Communications & Technology" class="clusterLink" href="/en/residents/communication/" jQuery172006505273126399763="43">
                          ... 文字 - 空白的文字链接
                        <div class="clusterTooltipContainer" sizset="5" sizcache05498842022675241="6">
                      <div class="clusterItem" sizset="6" sizcache05498842022675241="6">
                        <h3 class="culture">
                          <a title="Culture, Leisure & Sports" class="clusterLink" href="/en/residents/culture/" jQuery172006505273126399763="44">
                            ... 文字 - 空白的文字链接
                      <div class="clusterTooltipContainer" sizset="6" sizcache05498842022675241="6">
                    <div class="clusterItem" sizset="6" sizcache05498842022675241="6">
```

7. Meaningful Sequence

- If webpage content needs to be read in a certain order to make sense, webpage shall be written/coded in a way which indicates this order
- Webpage, especially web form, shall be coded in a logical manner when read by assistive technologies

The screenshot shows a web browser window with a 'Contact Us' form. The form contains the following fields: First Name, Last Name, Address, Suburb, and Phone, followed by a Submit button. Red arrows indicate the focus order: starting at First Name, moving to Last Name, then Suburb, then Address, then Phone, and finally the Submit button. This order is not intuitive as it does not follow the natural reading order of the form.

Focus order not intuitive to user

The screenshot shows the same 'Contact Us' form as the previous one. Red arrows indicate a logical focus order: starting at First Name, moving to Address, then Phone, then Last Name, then Suburb, and finally the Submit button. This order follows the natural reading order of the form, making it more intuitive for users.

Focus order in logical manner

7. Meaningful Sequence

Testing: Manual Testing with Screen Reader

Use a screen reader to read or press the "Tab" key to go through the input fields

Customer Database

First Name:	<input type="text"/>	Last Name:	<input type="text"/>
Address:	<input type="text"/>	Email:	<input type="text"/>
Phone:	<input type="text"/>		

8. Input Assistance

- Provide input assistance such as proper labels for user input, error identification, description and suggestions etc.

The screenshot shows a web browser window displaying an "Online Multipage Survey". The form contains the following fields: First Name (Joe), Last Name (Bloggs), Home Address (empty), and Postal Address (PO BOX 123 Crows Nest Sydney NSW). A green arrow labeled "NEXT" is positioned at the bottom right. A red oval highlights an error message at the bottom of the page: "Error: An error has occurred." The text "To move to the next section of the survey, select the green arrow icon labeled 'Next' located in the lower right section of the page." is also visible.

The error message is located at the bottom of the webpage and does not provide an adequate description of what needs to be corrected

The screenshot shows the same "Online Multipage Survey" form as the previous image. In this version, a red oval highlights an error message at the top of the form: "Error: Please provide your home address." The form fields and the "NEXT" button are identical to the previous image. The text "To move to the next section of the survey, select the green arrow icon labeled 'Next' located in the lower right section of the page." is also visible.

The error message is located at the top of the webpage and provides a good explanation of what needs to be corrected

8. Input Assistance

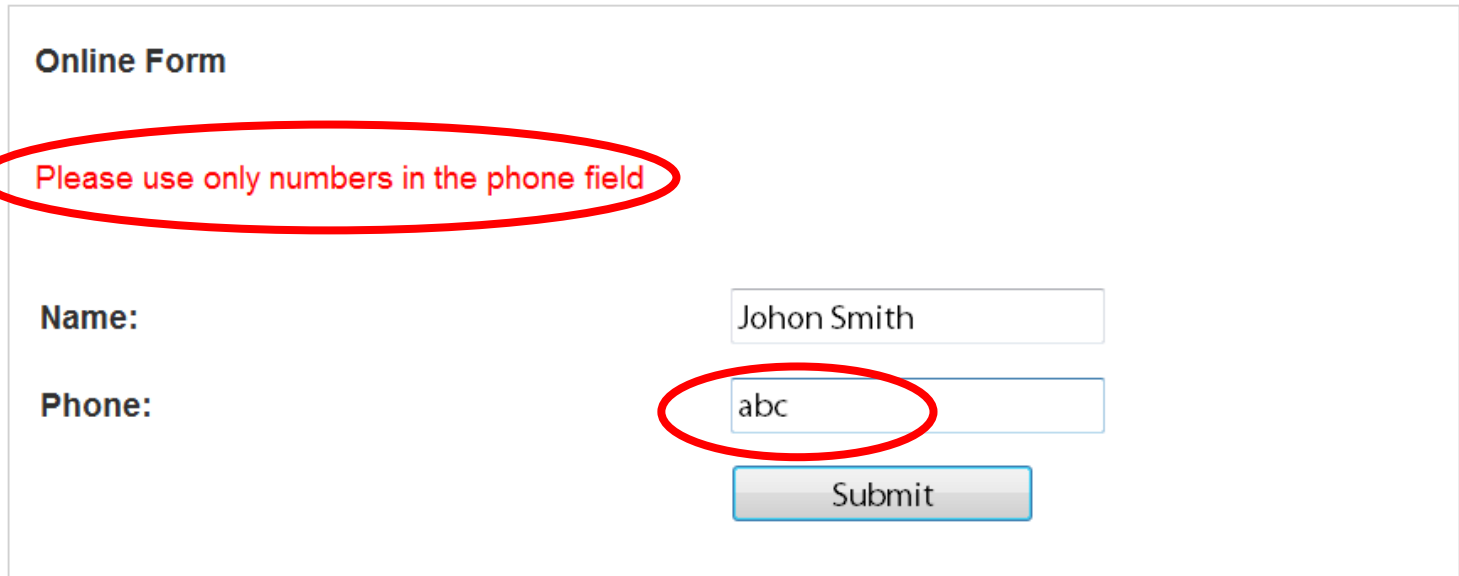
Testing: Manual Testing with Screen Reader

Online Form

Please use only numbers in the phone field

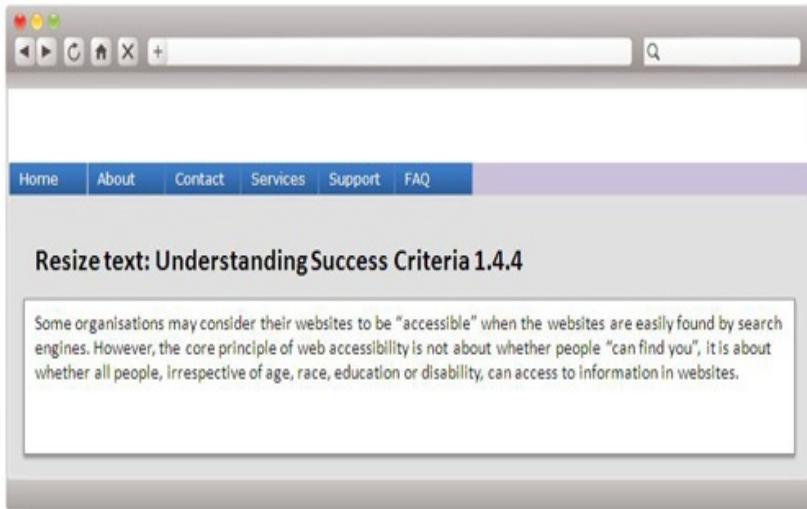
Name:

Phone:

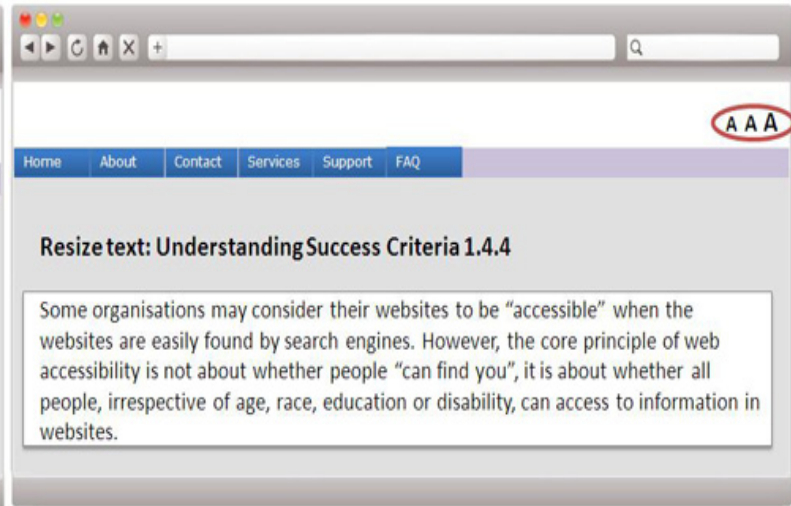
The image shows a screenshot of a web form titled "Online Form". At the top, there is a red oval containing the text "Please use only numbers in the phone field". Below this, there are two input fields. The first is labeled "Name:" and contains the text "Johon Smith". The second is labeled "Phone:" and contains the text "abc". This "Phone:" field is circled in red. Below the input fields is a "Submit" button.

9. Text Resize

- Text can be resized up to 200 % without loss of content



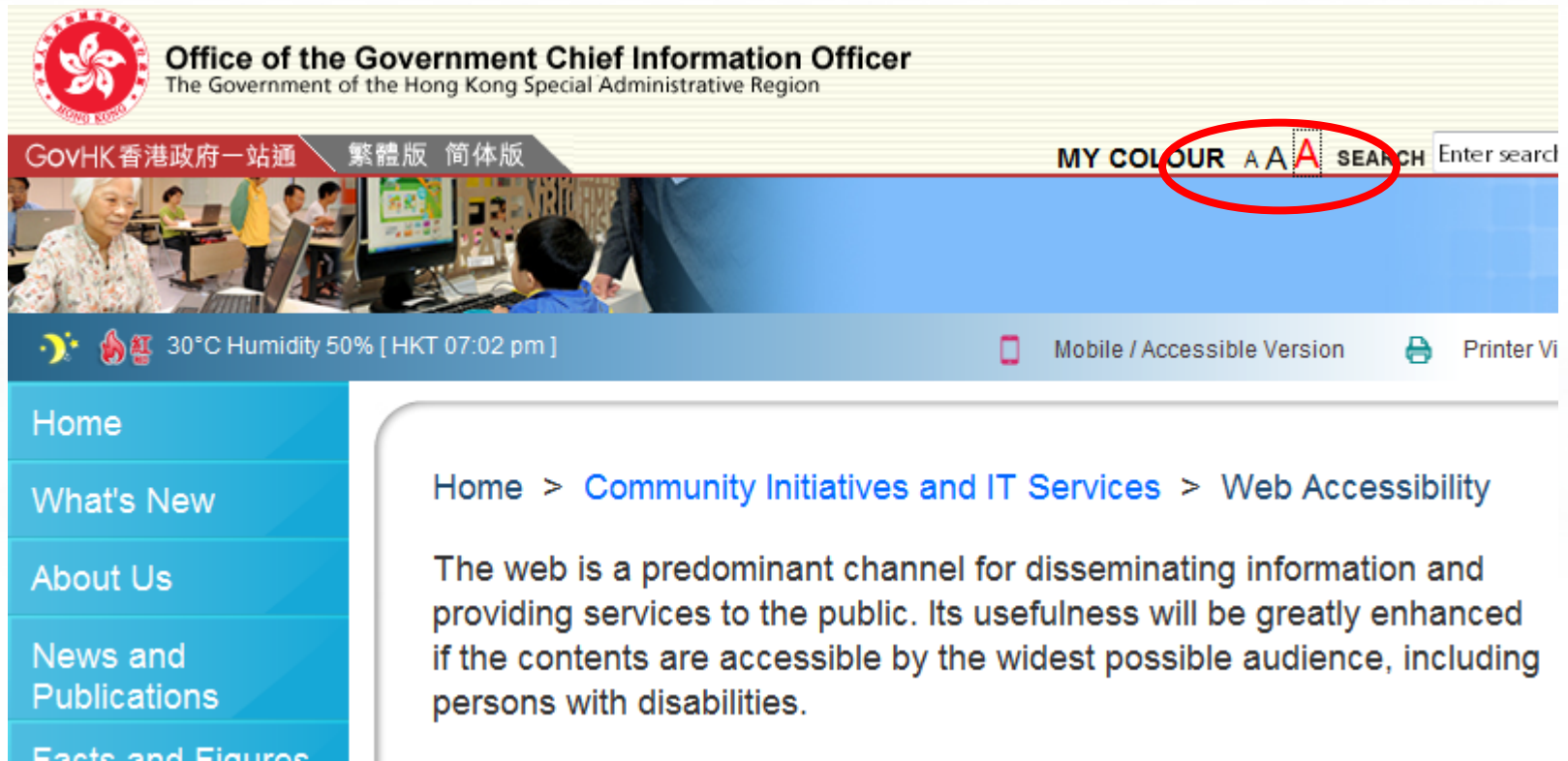
No text-resize function



Text-resize function is available

9. Text Resize

Testing: Visual Review and Human Testing

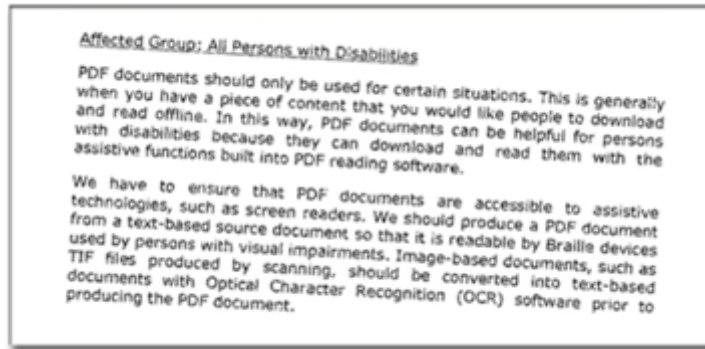


The screenshot displays the website of the Office of the Government Chief Information Officer. The header includes the logo and text: "Office of the Government Chief Information Officer" and "The Government of the Hong Kong Special Administrative Region". Below this, there are navigation links for "GovHK 香港政府一站通", "繁體版", and "简体版". A search bar contains the text "MY COLOUR A A A SEARCH" with "Enter search" to its right. The text "A A A" is circled in red, indicating the text resizing options. Below the search bar, there is a weather widget showing "30°C Humidity 50% [HKT 07:02 pm]", a mobile/accessible version link, and a printer icon. The main content area shows a breadcrumb trail: "Home > Community Initiatives and IT Services > Web Accessibility". The text below the breadcrumb reads: "The web is a predominant channel for disseminating information and providing services to the public. Its usefulness will be greatly enhanced if the contents are accessible by the widest possible audience, including persons with disabilities."

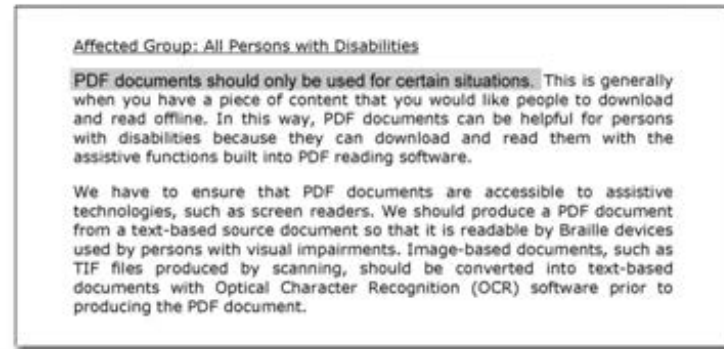
Source : www.ogcio.gov.hk

10. Accessible PDFs

- Provide accessible PDFs



Scanned Image not accessible



Text-based accessible PDF

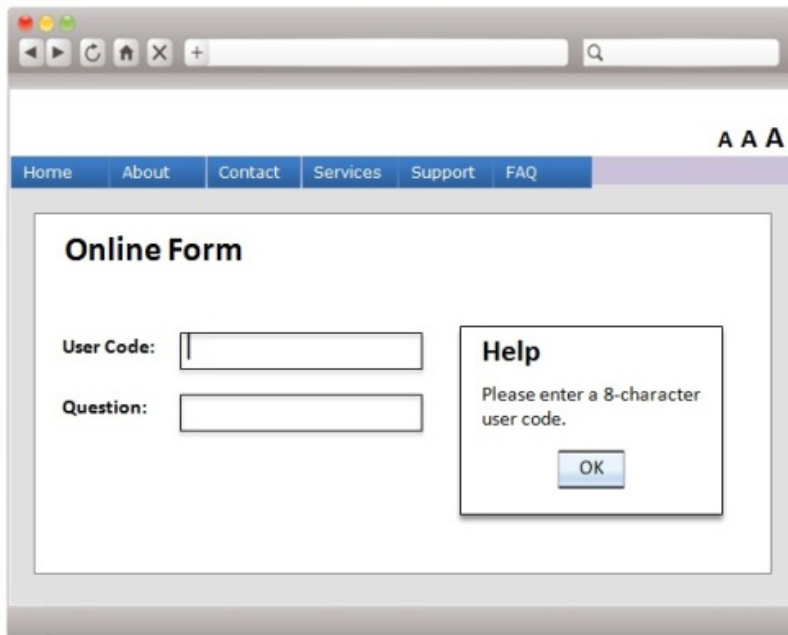
10. Accessible PDFs

Testing: Manual Testing with Screen Reader

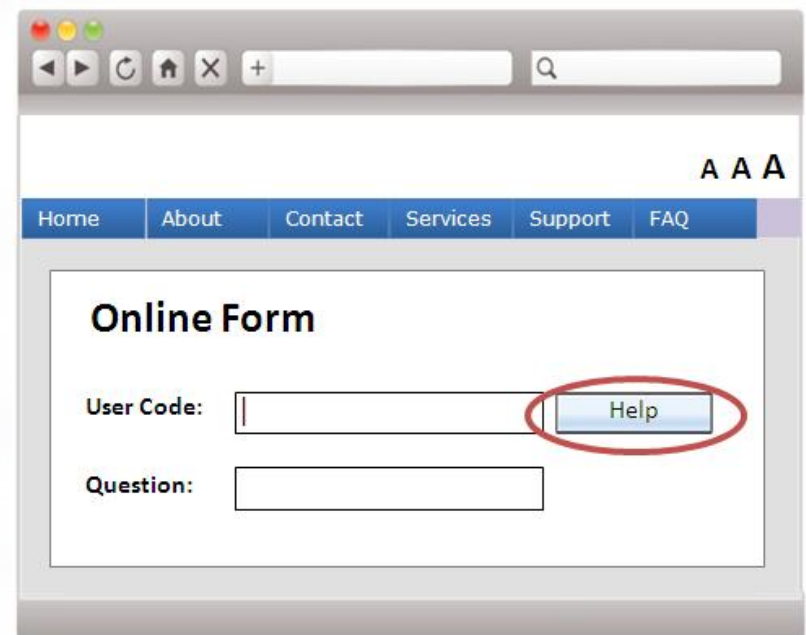
- PDF Accessibility Checker (Free) -
<http://www.access-for-all.ch/en/pdf-lab/pdf-accessibility-checker-pac.html>
- Adobe Acrobat Accessibility Check (version 7.0 or above) (Paid)
<http://www.adobe.com/accessibility.html>
- Sortsite (Paid) -
<http://www.powermapper.com/products/sortsite/pro.htm>

11. Predictable Operations

- Build webpages with predictable operations



A field receives focus, and a help dialogue box describing the field and providing options opens



Allow the user to activate "Help" only at their choice

11. Predictable Operations

Testing: Visual Review and Manual Testing with Screen Reader

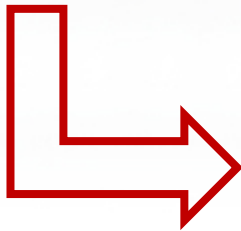
Issue Date

From: - Day - - - Month - - - Year -

To: - Day - - - Month - - - Year -

Exact Word Match :

Submit Reset



Office of the Government Chief Information Officer
The Government of the Hong Kong Special Administrative Region

GOVHK 香港政府一站通 繁體版 简体版

MY COLOUR A A SEARCH Enter search ke

27°C Humidity 67% [HKT 05:45 pm] Mobile / Accessible Version Printer View

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Facts and Figures

Strategies and Government IT

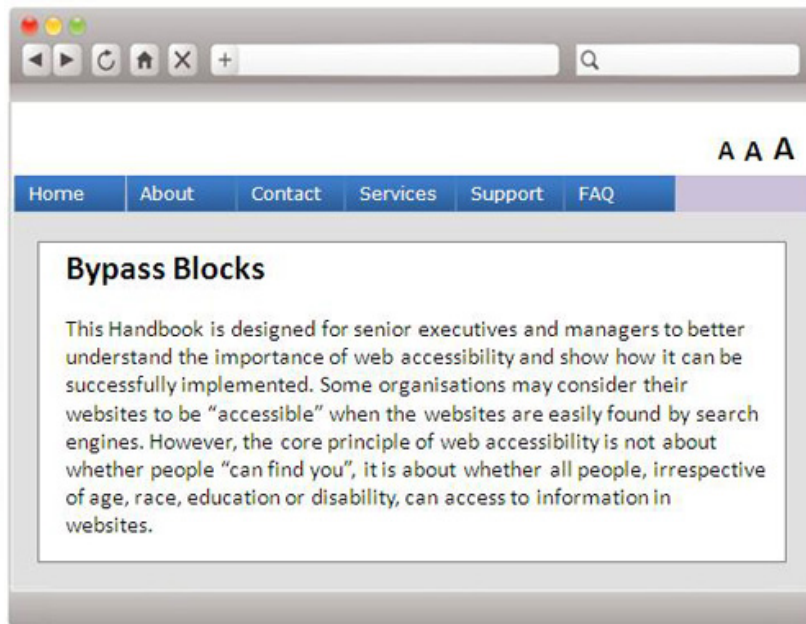
Home > [Community Initiatives and IT Services](#) > Web Accessibility > Web Designers' Corner

Projects Reference

Company Name	Contact Person and Job Title	Telephone No.	Email Address

12. Skip Repetitive Blocks

- Ensure users have the ability to skip past repetitive blocks of content (e.g. the navigation at the top of the webpage)



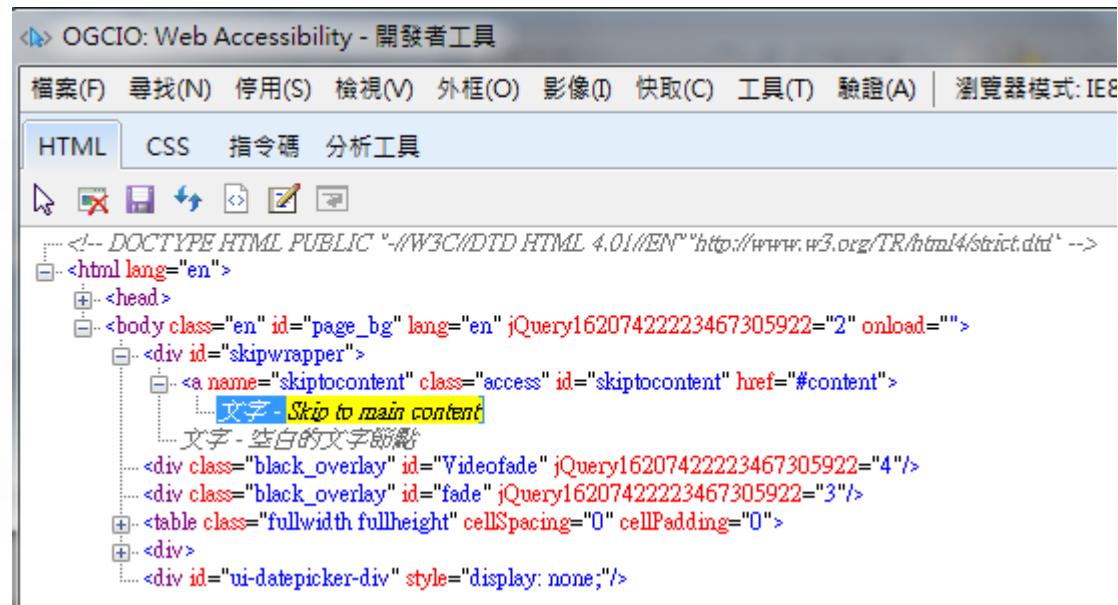
People using screen readers need to read all the navigation information before getting to the target content



Add a "Skip to content" link at the top of each webpage

12. Skip Repetitive Blocks

Testing: Visual & Code Review, Manual Testing with Screen Reader



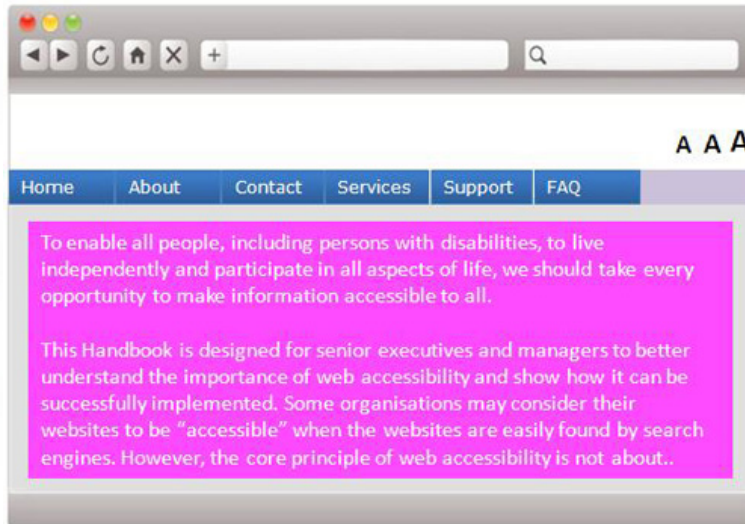
The screenshot shows the developer tools for a page titled "OGCIO: Web Accessibility - 開發者工具". The "HTML" tab is active, displaying the following code structure:

```
<!-- DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd" -->
<html lang="en">
  <head>
  <body class="en" id="page_bg" lang="en" jQuery16207422223467305922="2" onload="">
    <div id="skipwrapper">
      <a name="skiptocontent" class="access" id="skiptocontent" href="#content">
        文字 - Skip to main content
      </a>
      <div class="black_overlay" id="Videofade" jQuery16207422223467305922="4"/>
      <div class="black_overlay" id="fade" jQuery16207422223467305922="3"/>
      <table class="fullwidth fullheight" cellSpacing="0" cellPadding="0">
      <div>
      <div id="ui-datepicker-div" style="display: none;"/>
```

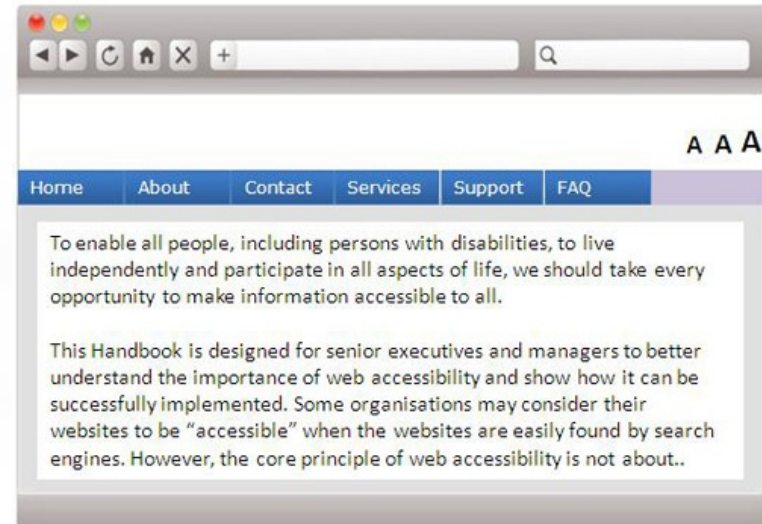
The text "文字 - Skip to main content" is highlighted in yellow in the original image. Below it, the text "文字 - 空白的文字節點" is visible, indicating a blank text node.

13. Sufficient Colour Contrast

- The visual presentation of text and images of text has a contrast ratio of at least 4.5:1. Logo or brand name is exempted



Poor background contrast



Easier to read with higher contrast

13. Sufficient Colour Contrast

Testing: Colour contrast check

http://snook.ca/technical/colour_contrast/colour.html

Foreground Colour:

#007897

Red:

Green:

Blue:

Hue (°):

Saturation (%):

Value (%):

Background Colour:

#F1F1F1

Red:

Green:

Blue:

Hue (°):

Saturation (%):

Value (%):

Results

This is example text. **Some of it bolded.**
Some of it italicized.

Brightness Difference: (>= 125)	153.34
Colour Difference: (>= 500)	452
Are colours compliant?	sort of..
Contrast Ratio	4.5
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	NO
WCAG 2 AAA Compliant (18pt+)	YES

13. Sufficient Colour Contrast

Testing: Colour blind check

<http://www.vischeck.com/vischeck/>



www.ogcio.gov.hk



How the webpage looks to a person with a red/green color deficit (deuteranopia)

14. Compatibility

- Ensure correct syntax of webpages for compatibility with browsers and assistive technologies

```
Breakfastmenu.xml

<breakfast_menu>

<food>
<name>Belgian Waffles</name>
<price>$5.95</price>
<descriptionn>
Two of our famous Belgian Waffles with plenty of real maple
syrup
</description>
<calories>650 </calories>
</food>

<food>
<name>Bacon and Eggs</name>
<price>$7.95</price>
<description>
Bacon and eggs served on toast
</description>
<calories>900
</food>

<breakfast_menu>
```

Misspelled closing tag

Missing a "</calories>" closing tag

Incorrect syntax

```
Breakfastmenu.xml

<breakfast_menu>

<food>
<name>Belgian Waffles</name>
<price>$5.95</price>
<description>
Two of our famous Belgian Waffles with plenty of real
maple syrup
</description>
<calories>650</calories>
</food>
<food>
<name>Bacon and Eggs</name>
<price>$7.95</price>
<description>
Bacon and eggs served on toast
</description>
<calories>900</calories>
</food>

<breakfast_menu>
```

All tags have opening and closing structures and are spelled correctly

Correct syntax

14. Compatibility

Testing: Code scanning

e.g. Achecker - <http://achecker.ca/checker/index.php>

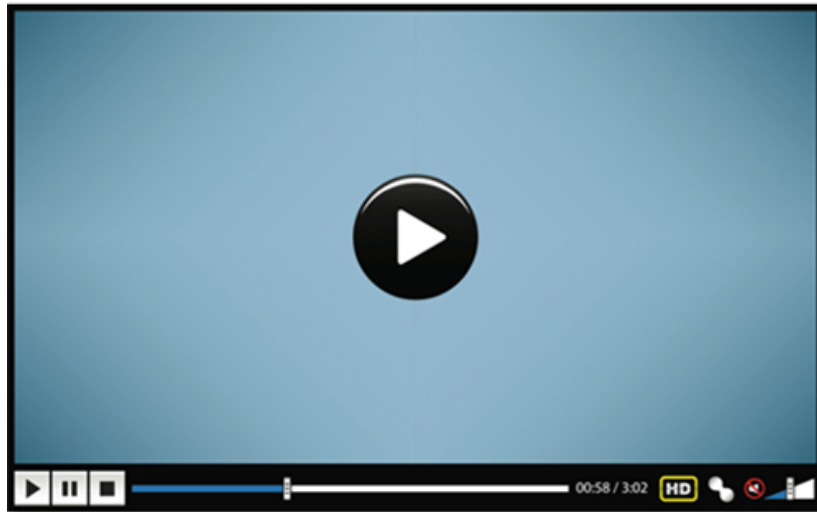
WAVE – <http://wave.webaim.org/>

Total Validator - <http://www.totalvalidator.com/>

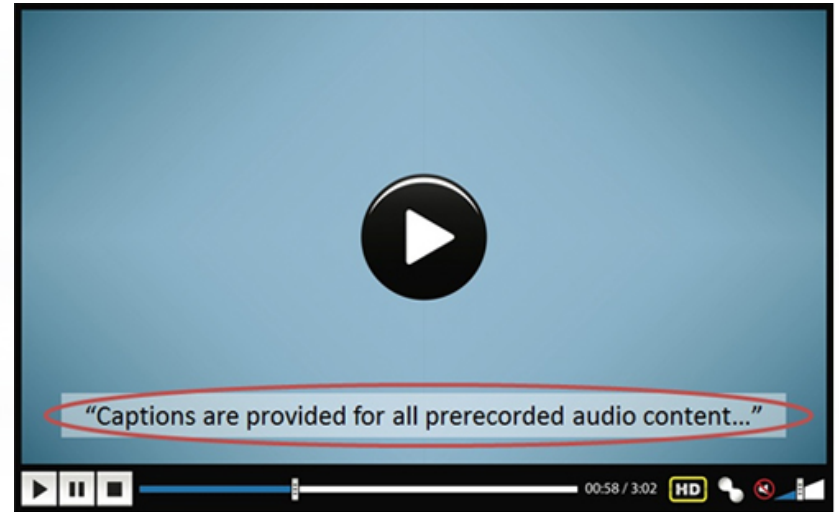
```
507  ⬇️ ⬆️ E042 Bad character(s) found
      E860 [WCAG 2.0 1.1.1 (A)] W
      <img src="We
507  ⬇️ ⬆️ E020 No matching start tag i
      </a>
507      </li>
508      <li>
```

15. Video

- Provide captions or sign language for pre-recorded videos and audio content



Missing captions



Provide captions

15. Video

Testing: Visual Review



Source :

http://www.ogcio.gov.hk/en/community/web_accessibility/recognition_scheme/video_gallery/

建立無障礙網頁及無障礙流動應用程式

Agenda

- Web Accessibility Campaign 無障礙網頁運動
- Testing Techniques 檢測網站技巧
- Common Pitfalls 常見的設計問題
- Resources 建立無障礙網頁的資源
- Web Accessibility Recognition Scheme 無障礙網頁嘉許計劃

Accessible Webpage Templates 無障礙網頁範本

- www.webforall.gov.hk/template
- Sample codes incorporated with essential web accessibility features, e.g.

4. Provide User-initiated background audio

1. Provide “Skip To Content”

2. Provide meaningful alt text for images

3. Allow to play or pause the auto-scrolling latest news



5. Allow text resize

6. Provide keyboard accessible menu

7. Provide transcript for video

8. Provide sufficient colour contrast

Webforall Portal



Web Designers' Corner 網頁服務商專區

- facilitating the sourcing of ICT professional services for the implementation of web accessibility designs
- www.webforall.gov.hk/wdc

Web Accessibility Services Providers List

Index: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [0-9](#) [Misc](#)

A

Supplier and Contact	Gap Analysis	Website Design	Website Dev.	Website Maint.	Website Testing
 [Supplier Name] [Address] [Phone] [Email] [Website] Projects Reference	✓	—	—	—	✓
 [Supplier Name] [Address] [Phone] [Email] [Website] Projects Reference	✓	✓	✓	✓	✓

Webforall Portal

- Guide to Application
- Web Accessibility Handbook
- Mobile Application Accessibility Handbook



建立無障礙網頁及無障礙流動應用程式

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- Common Pitfalls 常見的設計問題
- Resources 建立無障礙網頁的資源
- **Web Accessibility Recognition Scheme 無障礙網頁嘉許計劃**

Web Accessibility Recognition Scheme

無障礙網頁嘉許計劃

Objectives

- Recognise efforts and achievements in adoption of web accessibility design
- Raise awareness in the community and encourage wider adoption



Web Accessibility Recognition Scheme

無障礙網頁嘉許計劃

Structure

- Co-organise with the Equal Opportunities Commission
- Led by an Advisory Committee comprising members from
 - Office of the Government Chief Information Officer (政府資訊科技總監辦公室)
 - Equal Opportunities Commission (平等機會委員會)
 - Labour and Welfare Bureau (勞工及福利局)
 - Non-profit making organisations —
 - Visual Impairment
 - Physical Impairment
 - Hearing Impairment
 - Members from ICT Industry

Web Accessibility Recognition Scheme

無障礙網頁嘉許計劃

Framework

- Website / Mobile Apps ^{NEW!} Streams
- Gold / Silver Awards
- Annual event
- Open to all local enterprises and organisations, including companies, non-government organisations (NGOs), educational institutions and public sector organisations
- Neither a competition nor a compliance audit
- www.webforall.gov.hk/scheme



Enquiry and Advisory

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General Enquiry

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Thank you!