

Taylor & Francis Accessibility Conformance Report

WCAG Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: CRC Handbook of Chemistry and Physics (hbcponline.com)

Product Description: Ideal for researchers in both academic and corporate settings, the CRC Handbook of Chemistry and Physics has several interactive tools and features and is designed to help users access trusted chemical and physical data in a seamless manner. Users can use graphing software to visualise their search results, customise their workspace, create bookmarks and access an archive of previous editions.

Report Date: 17th December 2019

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Notes: Every effort has been made to make this site accessible to people with disabilities. Accessibility features have been included on almost all aspects of this site. However, it is not possible to make the drawing of chemical structures fully accessible to people with motor or visual impairments. Also, it is not possible to describe these structures with text.

Evaluation Methods Used: manual evaluation/WCAG Accessibility Audit Developer

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

“Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI)

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Partially Supports	All non-chemical structure images are described. It is not possible to provide a description on a chemical structure diagram. Some of the very old documents in the archive section were not available as digital text and so have been included as images. These will not be readable by a screen reader.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Partially Supports	Chemical structure drawing requires mouse control and is impossible to be done using the keyboard.
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	
2.2.1 Timing Adjustable (Level A)	Supports	The user will not be timed over for over 24 hours
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	
2.4.1 Bypass Blocks (Level A)	Supports	On opening a search page, the focus of the page is on the first entry control.
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	
2.4.4 Link Purpose (In Context) (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.5.1 Pointer Gestures (Level A 2.1 only)	Partially Supports	Chemical structure drawing cannot support this
2.5.2 Pointer Cancellation (Level A 2.1 only)	Partially Supports	Chemical structure drawing cannot support this
2.5.3 Label in Name (Level A 2.1 only)	Supports	
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 only)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Partially Supports	
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 only)	Does not support	Cannot support screen sizes of 320 x 256 pixels
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	
1.4.12 Text Spacing (Level AA 2.1 only)	Partially Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Partially Supports	Focus elements are highlighted or underlined. Tooltips provided on many components
2.4.5 Multiple Ways (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
3.1.2 Language of Parts (Level AA)	Supports	
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
4.1.3 Status Messages (Level AA 2.1 only)	Does not support	

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Applicable	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Applicable	
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Applicable	
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	
1.3.6 Identify Purpose (Level AAA 2.1 only)	Not evaluated	
1.4.6 Contrast Enhanced (Level AAA)	Not evaluated	
1.4.7 Low or No Background Audio (Level AAA)	Not evaluated	
1.4.8 Visual Presentation (Level AAA)	Not evaluated	
1.4.9 Images of Text (No Exception) Control (Level AAA)	Not evaluated	
2.1.3 Keyboard (No Exception) (Level AAA)	Not evaluated	
2.2.3 No Timing (Level AAA)	Not evaluated	
2.2.4 Interruptions (Level AAA)	Not evaluated	
2.2.5 Re-authenticating (Level AAA)	Not evaluated	
2.2.6 Timeouts (Level AAA 2.1 only)	Not evaluated	
2.3.2 Three Flashes (Level AAA)	Not evaluated	

Criteria	Conformance Level	Remarks and Explanations
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Not evaluated	
2.4.8 Location (Level AAA)	Not evaluated	
2.4.9 Link Purpose (Link Only) (Level AAA)	Not evaluated	
2.4.10 Section Headings (Level AAA)	Not evaluated	
2.5.5 Target Size (Level AAA 2.1 only)	Not evaluated	
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Not evaluated	
3.1.3 Unusual Words (Level AAA)	Not evaluated	
3.1.4 Abbreviations (Level AAA)	Not evaluated	
3.1.5 Reading Level (Level AAA)	Not evaluated	
3.1.6 Pronunciation (Level AAA)	Not evaluated	
3.2.5 Change on Request (Level AAA)	Not evaluated	
3.3.5 Help (Level AAA)	Not evaluated	
3.3.6 Error Prevention (All) (Level AAA)	Not evaluated	

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