

Epexio Discover: Meeting WCAG 2.1

Last modified: 02-07-19

Reference	Level	Summary	Met	Notes	Responsibility of archive
	<i>1.1</i>	<i>Text alternatives</i>			
1.1.1	A	All non-text content has a text alternative	*	The only images that convey meaning within the catalogue are the digitisations of archival material. Where the archive have provided transcripts of this material, the transcript is displayed on the record. Where buttons are only represented by an image, these have aria-labels to identify what the button does.	
	<i>1.2</i>	<i>Time-based media</i>			
1.2.1	A	Pre-recorded audio/video is accessible in an equivalent format	x	This relies on the archive providing us with transcriptions of the audio material that they have put into the catalogue. If this were available we could display it as with the transcripts for images above. There is currently no video within the catalogue.	*
1.2.2	A	Captions for audio	N/A		*
1.2.3	A	Audio description of video	N/A		*
1.2.4	AA	Captions for live content	N/A		*
1.2.5	AA	Audio description of video	N/A		*
1.2.6	AAA	Sign language for pre-recorded audio	x	Again, this content would need to be provided by the archive	*
1.2.7	AAA	Extended audio	N/A		*

		description			
1.2.8	AAA	Media alternative for video	N/A		*
1.2.9	AAA	Alternative media for live audio	N/A		*
	1.3	<i>Adaptable</i>			
1.3.1	A	Structure and relationships can be determined	*	There are no aspects of the catalogue where structure or relationships is only determined by position	
1.3.2	A	If sequence is important, it can be determined	*	In places where sequence is important, such as the breadcrumb or the tree, elements can be programmatically determined in order	
1.3.3	A	Instructions do not rely on shape, colour, etc.	*	There are no instructions that rely on shape or colour	
1.3.4	AA	Content is not restricted to a single display orientation	*	There is no restriction on the orientation of display	
1.3.5	AA	The purpose of input fields can be determined	*	All input fields have titles to determine their purpose	
1.3.6	AAA	Purpose of UI components implemented in markup languages can be determined	*	UI components all have titles and/or aria-labels to distinguish their purpose	
	1.4	<i>Distinguishable</i>			
1.4.1	A	Colour not used as only means of conveying information	*	Colour is not used as the only means of conveying information	
1.4.2	A	Automatic audio must have a pause	*	There is no automatic audio in the catalogue	
1.4.3	AA	A minimum contrast ratio of 4.5:1	*	All contrast ratios have been tested using https://contrast-ratio.com and all were above 4.5:1	
1.4.4	AA	Text can be resized up	*	The catalogue still functions effectively at 200%	

		to 200% without loss of content		zoom	
1.4.5	AA	Text is used instead of images of text	*	There are no images of text used where meaning is needed	
1.4.6	AAA	A minimum contrast ratio of 7:1	x	Not all contrast ratios are above 7:1	
1.4.7	AAA	There are no background sounds to pre-recorded audio	*	This relies on the content provided by the archive, but we believe that the current audio available in the catalogue does not have background sounds	
1.4.8	AAA	Visual presentation of blocks of text	x	We meet some of these guidelines - text is not justified, text can be resized.	
1.4.9	AAA	Images of text are only used for decoration	*	There are no images of text used where meaning is needed	
1.4.10	AA	Content does not require two-dimensional scrolling	*	There should be no pages in Epexio where two-dimensional scrolling is required	
1.4.11	AA	User interface components have a contrast ratio of at least 3:1	*	All contrast ratios have been tested using https://contrast-ratio.com and all were above 4.5:1	
1.4.12	AA	There is no loss of content when text spacing is modified	*	There should be no loss of content when text spacing is modified	
1.4.13	AA	Temporary content displayed on hover	*	There is no content that appears on hover or focus in the catalogue	
	2.1	<i>Keyboard accessible</i>			
2.1.1	A	All functionality can be accessed via the keyboard	*	All menu items in the top menu have unique access keys. All other content can be retrieved through the use of links. There is no requirement anywhere in the catalogue for specific timings	
2.1.2	A	No keyboard trap	*	Focus can be moved away from all components using the keyboard	
2.1.3	AAA	As 2.1.1 but with no exception	*		

2.1.4	A	Keyboard shortcuts can be turned off	*	There are no keyboard shortcuts used in the catalogue	
	2.2	<i>Enough time</i>			
2.2.1	A	Time limits	N/A	There are no time limits within the catalogue	
2.2.2	A	Moving, blinking, scrolling	N/A	There is no moving, blinking, scrolling or auto-updating content in the catalogue	
2.2.3	AAA	No timing	*	There is never any timing required when using the catalogue	
2.2.4	AAA	Interuptions can be postponed	N/A		
2.2.5	AAA	No data loss on re-authentication	N/A	There is no authentication in the catalogue	
2.2.6	AAA	User is warned of timeouts	N/A	There are no timeouts in the catalogue	
	2.3	Seizures and physical reactions			
2.3.1	A	No flashes three times in one second	*	There is no flashing content in the catalogue	
2.3.2	AAA	As above	*		
2.3.3	AAA	Motion animation can be disabled	N/A	There is no motion animation in the catalogue	
	2.4	Navigable			
2.4.1	A	You can bypass blocks of content that are repeated	*	There are no repeating blocks of content in the catalogue	
2.4.2	A	Web pges have titles	*	Each page of the catalogue has a title that describes its puporse. Records within the catalogue are titled with the archival title of the material	
2.4.3	A	Focus order represents meaning	*	The focus order moves through each component sequentially to represent the component's meaning	
2.4.4	A	Purpose of link is easily determined	*	Every link represents its purpose using text	
2.4.5	AA	There are multiple ways of locating a page	*	Any record in the catalogue can be accessed via search or by browse	

2.4.6	AA	Headings and labels describe topic and purpose	*		
2.4.7	AA	The keyboard focus indicator is visible	*		
2.4.8	AAA	Information about the user's location within a set of Web pages is available	*	Breadcrumbs exist at the top of every record page to show where the page is situated in its archival hierarchy. All pages have titles to show the user the function of the page they are on	
2.4.9	AAA	Purpose of each link is identified from its text	*	Every link represents its purpose using text	
2.4.10	AAA	Section headings are used to organise content	*	All areas of text on a record page are identified by their field name	
2.5		Input modalities			
2.5.1	A	Functionality that uses multipoint or path-based gestures can be operated with a single pointer	N/A		
2.5.2	A	Pointer functions	*	There are no functions that rely on complex pointer functionality	
2.5.3	A	UI components with labels have a name	*		
2.5.4	A	Functionality operated by motion has alternatives	N/A	There is no functionality operated by motion in the catalogue	
2.5.5	AAA	Targets for pointers are at least 44x44 CSS pixels	x		
2.5.6	AAA	Content does not restrict use of input modalities	*	They are no non-standard input areas or events	
3.1		<i>Readable</i>			

3.1.1	A	Language can be determined	*		
3.1.2	AA	Language of each passage can be determined	*	There should be no areas of the catalogue in a language other than English	
3.1.3	AAA	Jargon is explained	*	Particular archival concepts have help sections to explain jargon	
3.1.4	AAA	Abbreviations are explained	*	There are no abbreviations used in the product. If metadata on catalogue records uses abbreviations, this is up to the archive to provide meanings.	
3.1.5	AAA	Text should not require reading ability above lower secondary education		This relies on the archive - all text comes from them	*
3.1.6	AAA	Pronunciation of words is available when necessary for meaning	N/A		
3.2		<i>Predictable</i>			
3.2.1	A	A UI component receiving focus does not initiate a change of context	*		
3.2.2	A	A UI component changing setting does not cause a change of context without warning	*	Only links or submitting a form lead to a change of context in the catalogue	
3.2.3	AA	Repeated navigation is consistent	*		
3.2.4	AA	Components with the same functionality are consistent	*		
3.2.5	AAA	Context only changes on user request	*		

3.3		Input assistance			
3.3.1	A	Input errors are described in text	*	Input errors should not be possible in the catalogue - they may just end up with no search results, which is written in text	
3.3.2	A	Labels are provided when user input is required	*	User input is never mandatory - all catalogue records can be viewed via browse	
3.3.3	AA	Input error suggestions are made	N/A		
3.3.4	AA	Errors are prevented when they are important	N/A		
3.3.5	AAA	Context-sensitive help is available	*		
4.1		Compatible			
4.1.1	A	All HTML tags are complete, nested correctly, have unique attributes	*		
4.1.2	A	All UI components can have their name and role determined	*	Standard HTML controls are used in the catalogue	
4.1.3	AA	Status messages can be determined without receiving focus	N/A	There are no status messages in the catalogue	

Automatic testing using Achecker (<https://achecker.ca>)

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Date	Page	Problems	Fixed	Notes
02-07-19	https://***.epexio.com	3	02-07-19	Label required for input - title added instead
02-07-19	https://***.epexio.com/records/AAM/P/3/20	6	02-07-19	

02-07-19	https://***.epexio.com/search/all:records/0_20/all/score_desc/leo	0	
02-07-19	https://***.epexio.com/collections/featured	0	
02-07-19	https://***.epexio.com/collections/Business	0	
02-07-19	https://***.epexio.com/contactus/aHR0cDovL2RhdGEuZXBLEGlVLMNvbS9tcmMvcmVjb3JkL01SQ19LQUMvMS8y	0	

Manual testing

Last modified: 03-07-19

Date	Test	Issues highlighted	Fixed
02-07-19	Catalogue navigated with Chrome extension Vox screen reader	Focus needs to jump to help pop-up when it is opened	03-07-19
		Focus skips metadata on record page	03-07-19
		Focus needs to jump to transcript text when opened	
		Focus misses Contents tree at the bottom of record page	03-07-19
		Focus misses links in Contents tree	