



Section 508 of the Rehabilitation Act (29 U.S.C. § 794d), requires federal agencies to develop, procure, maintain and use information and communications technology that is accessible to people with disabilities.

The US Access Board established the Section 508 standards that implement the law and provides the requirements for accessibility.

ACCESSIBILITY CHECKLIST

- ✓ visual reading order
- ✓ heading structure and order
- ✓ list tagging
- ✓ alt-text descriptions
- ✓ decorative images removed
- ✓ abbreviations defined
- ✓ link annotation and structure
- ✓ consistent page number specs
- ✓ interactive form controls
- ✓ empty tag removal
- ✓ header/footer capture
- ✓ color contrast

"Industry-leading expertise AND great people, too. DCL is a trusted and committed partner for organizations looking to transform their content and leverage modern technology (AI, machine learning, etc.)."



★ Trustpilot

ACCESSIBILITY

Section 508 Compliance

ACCESSIBILITY STARTS WITH STRUCTURE

Accessibility is an approach to content and design that makes information available in alternative formats. The goal of accessibility is to provide usable content for people who have difficulties or disabilities including the blind or visually impaired and people with learning disabilities.

Ensuring PDF content is properly structured enables assistive technology (e.g., screen readers) to navigate a document in the correct reading order and ensures all content in that PDF are communicated properly.

DCL offers automated and semi-automated services related to accessibility remediation. Section 508 compliant PDFs are also SEO friendly and improve discoverability because computers are also visually impaired.

Perception of Color: 508-Ready Color Choice



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“We have worked with DCL for 8 years now. They are consistently responsive, professional, thorough, and highly skilled. They provide webinars on current topics and share valuable expertise. They are trustworthy and helpful. It is nice to know that we don't have to keep up with new content formats - they do it for us.



Data Conversion Laboratory provides data and content transformation services and solutions.

The data, information, and analytics economy runs on well-curated, structured data. DCL structures the world's data to make it consumable.

Using the latest innovations in artificial intelligence, including machine learning and natural language processing, DCL helps businesses organize and structure data and content for modern technologies and platforms.

DCL's U.S.-based project management teams solve complex conversion challenges securely, accurately, and on time.

Practice Areas

DCL works with a range of industries facing content- and data-centric challenges. Following are some of the specific services we provide.

Document & Data Conversion

- XML, DITA, S1000D, HTML, EPUB, MOBI
- JATS, NISO STS, BITS
- Accessibility (Section 508/WCAG)
- Catalog and parts digitization
- Automated document processing
- Library and catalog digitization
- Structured Product Labeling (SPL)
- ACA 6004
- OCR/scanning
- Audio/video transcription

Content Enrichment

- Metadata
- Data harvesting
- Artificial intelligence
- Machine learning
- Natural language processing
- Computer vision

Editorial & Production

- Composition
- Copyediting
- Proofreading
- Indexing
- Quality assurance
- eBook production

Content Strategy & Transformation

- Conversion planning
- Vendor selection
- Content reuse analysis
- Feasibility analysis
- Project development and planning
- Format structuring
- Data evaluation and specification

Industry Leadership

DCL is at the forefront of industry leaders with advisory memberships on the JATS and SPL committees, invited speakers at conferences, and published thought leaders (*The XML Handbook*, *Information Today*, *KM World*, *Wired*, *Computerworld*, *EContent*, *Government Technology* and *The Columbia Guide to Digital Publishing*).



Contact us today to get started!
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