

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(003BA1) Hex(004DD1) Hex(1500A1) Hex(494C52) Hex(003591) Hex(000712)

	Hex(003BA1)	Hex(004DD1)	Hex(1500A1)	Hex(494C52)	Hex(003591)	Hex(000712)
Hex(003BA1)		Ratio: 1.39 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(004DD1)	Ratio: 1.39 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(1500A1)	Ratio: 1.38 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(494C52)	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(003591)	Ratio: 1.12 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.85 Failed ⁵
Hex(000712)	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.85 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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