

Converting Colors - WCAG Matrix

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

Hex(0040AB) Hex(0053DE) Hex(1400AB) Hex(4E5157) Hex(003896) Hex(000917)

	Hex(0040AB)	Hex(0053DE)	Hex(1400AB)	Hex(4E5157)	Hex(003896)	Hex(000917)
Hex(0040AB)		Ratio: 1.42 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(0053DE)	Ratio: 1.42 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(1400AB)	Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(4E5157)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(003896)	Ratio: 1.16 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(000917)	Ratio: 2.21 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.91 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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