

Converting Colors - WCAG Matrix

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

Hex(53003A) Hex(6B004B) Hex(005342) Hex(292528) Hex(690049) Hex(E800A2)

	Hex(53003A)	Hex(6B004B)	Hex(005342)	Hex(292528)	Hex(690049)	Hex(E800A2)
Hex(53003A)		Ratio: 1.21 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(6B004B)	Ratio: 1.21 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(005342)	Ratio: 1.62 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(292528)	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(690049)	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(E800A2)	Ratio: 3.47 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.92 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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