

Converting Colors - WCAG Matrix

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

Hex(993AB3) Hex(C02CE8) Hex(B33A91) Hex(575059) Hex(780099) Hex(14001A)

	Hex(993AB3)	Hex(C02CE8)	Hex(B33A91)	Hex(575059)	Hex(780099)	Hex(14001A)
Hex(993AB3)		Ratio: 1.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(C02CE8)	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(B33A91)	Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(575059)	Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(780099)	Ratio: 1.60 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(14001A)	Ratio: 3.46 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.16 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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