

Converting Colors - WCAG Matrix

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

Hex(8A3696) Hex(B02EC4) Hex(963673) Hex(4A454D) Hex(7A008C) Hex(0A000D)

	Hex(8A3696)	Hex(B02EC4)	Hex(963673)	Hex(4A454D)	Hex(7A008C)	Hex(0A000D)
Hex(8A3696)		Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(B02EC4)	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(963673)	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(4A454D)	Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(7A008C)	Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(0A000D)	Ratio: 2.99 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 2.17 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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