

Converting Colors - WCAG Matrix

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

Hex(643C76) Hex(7D3F99) Hex(763C6B) Hex(39353B) Hex(54007A) Hex(AC00FA)

	Hex(643C76)	Hex(7D3F99)	Hex(763C6B)	Hex(39353B)	Hex(54007A)	Hex(AC00FA)
Hex(643C76)		Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(7D3F99)	Ratio: 1.24 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(763C6B)	Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(39353B)	Ratio: 1.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(54007A)	Ratio: 1.48 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(AC00FA)	Ratio: 1.69 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.49 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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