

Converting Colors - WCAG Matrix

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

Hex(75686C) Hex(99858B) Hex(687375) Hex(3B3537) Hex(7A0026) Hex(FA004D)

	Hex(75686C)	Hex(99858B)	Hex(687375)	Hex(3B3537)	Hex(7A0026)	Hex(FA004D)
Hex(75686C)		Ratio: 1.54 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(99858B)	Ratio: 1.54 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 1.18 Failed ⁵
Hex(687375)	Ratio: 1.09 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(3B3537)	Ratio: 2.26 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.46 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(7A0026)	Ratio: 2.13 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(FA004D)	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.79 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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