

Converting Colors - WCAG Matrix

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

Hex(736E75) Hex(948C99) Hex(756E73) Hex(38363B) Hex(52007A) Hex(A600FA)

	Hex(736E75)	Hex(948C99)	Hex(756E73)	Hex(38363B)	Hex(52007A)	Hex(A600FA)
Hex(736E75)		Ratio: 1.53 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(948C99)	Ratio: 1.53 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(756E73)	Ratio: 1.00 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(38363B)	Ratio: 2.40 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.41 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(52007A)	Ratio: 2.57 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(A600FA)	Ratio: 1.05 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.44 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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