

Converting Colors - WCAG Matrix

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

Hex(6E6A91) Hex(8680BD) Hex(826A91) Hex(43434A) Hex(0E008A) Hex(01000A)

	Hex(6E6A91)	Hex(8680BD)	Hex(826A91)	Hex(43434A)	Hex(0E008A)	Hex(01000A)
Hex(6E6A91)		Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(8680BD)	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(826A91)	Ratio: 1.07 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(43434A)	Ratio: 1.93 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(0E008A)	Ratio: 2.98 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 1.54 Failed ⁵		Ratio: 1.38 Failed ⁵
Hex(01000A)	Ratio: 4.11 AA 18pt ²	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.38 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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