

Converting Colors - WCAG Matrix

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

Hex(6C4E89) Hex(8556B3) Hex(894E89) Hex(413E45) Hex(430085) Hex(030005)

	Hex(6C4E89)	Hex(8556B3)	Hex(894E89)	Hex(413E45)	Hex(430085)	Hex(030005)
Hex(6C4E89)		Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(8556B3)	Ratio: 1.29 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(894E89)	Ratio: 1.14 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(413E45)	Ratio: 1.54 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(430085)	Ratio: 1.96 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.57 Failed ⁵
Hex(030005)	Ratio: 3.07 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.57 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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