

Converting Colors - WCAG Matrix

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

Hex(1A005B) Hex(210075) Hex(46005B) Hex(2B292E) Hex(1F006E) Hex(4300ED)

	Hex(1A005B)	Hex(210075)	Hex(46005B)	Hex(2B292E)	Hex(1F006E)	Hex(4300ED)
Hex(1A005B)		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(210075)	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(46005B)	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(2B292E)	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(1F006E)	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(4300ED)	Ratio: 2.06 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.92 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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