

Converting Colors - WCAG Matrix

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

Hex(24005A) Hex(2F0075) Hex(51005A) Hex(2B292E) Hex(2C006E) Hex(5F00ED)

	Hex(24005A)	Hex(2F0075)	Hex(51005A)	Hex(2B292E)	Hex(2C006E)	Hex(5F00ED)
Hex(24005A)		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(2F0075)	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(51005A)	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(2B292E)	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(2C006E)	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(5F00ED)	Ratio: 2.22 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.03 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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