

Converting Colors - WCAG Matrix

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

Hex(423E54) Hex(524C6E) Hex(4D3E54) Hex(28272B) Hex(15006B) Hex(2D00EB)

	Hex(423E54)	Hex(524C6E)	Hex(4D3E54)	Hex(28272B)	Hex(15006B)	Hex(2D00EB)
Hex(423E54)		Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(524C6E)	Ratio: 1.28 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(4D3E54)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(28272B)	Ratio: 1.45 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(15006B)	Ratio: 1.65 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.86 Failed ⁵
Hex(2D00EB)	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.86 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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