

Converting Colors - WCAG Matrix

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

Hex(2C1D47) Hex(514B5C) Hex(1D3947) Hex(27242E) Hex(ADADAD) Hex(2E2E2E)

	Hex(2C1D47)	Hex(514B5C)	Hex(1D3947)	Hex(27242E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(2C1D47)		Ratio: 1.83 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(514B5C)	Ratio: 1.83 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(1D3947)	Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(27242E)	Ratio: 1.00 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(ADADAD)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴	

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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