

Converting Colors - WCAG Matrix

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

Hex(0E2947) Hex(46505C) Hex(0E472B) Hex(21272E) Hex(ADADAD) Hex(2E2E2E)

	Hex(0E2947)	Hex(46505C)	Hex(0E472B)	Hex(21272E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(0E2947)		Ratio: 1.80 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(46505C)	Ratio: 1.80 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(0E472B)	Ratio: 1.37 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(21272E)	Ratio: 1.02 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(ADADAD)	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.08 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 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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