

Converting Colors - WCAG Matrix

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

Hex(242B3D) Hex(46484F) Hex(243D36) Hex(232529) Hex(A8A8A8) Hex(292929)

	Hex(242B3D)	Hex(46484F)	Hex(243D36)	Hex(232529)	Hex(A8A8A8)	Hex(292929)
Hex(242B3D)		Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(46484F)	Ratio: 1.55 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(243D36)	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(232529)	Ratio: 1.09 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(A8A8A8)	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.03 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.12 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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