

Converting Colors - WCAG Matrix

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

Hex(3F2E40) Hex(514B52) Hex(2E2F40) Hex(292529) Hex(A8A8A8) Hex(292929)

	Hex(3F2E40)	Hex(514B52)	Hex(2E2F40)	Hex(292529)	Hex(A8A8A8)	Hex(292929)
Hex(3F2E40)		Ratio: 1.48 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(514B52)	Ratio: 1.48 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(2E2F40)	Ratio: 1.05 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(292529)	Ratio: 1.21 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(A8A8A8)	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.56 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.16 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 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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