

Converting Colors - WCAG Matrix

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

Hex(3F2B26) Hex(524A48) Hex(3F263A) Hex(292423) Hex(A8A8A8) Hex(292929)

	Hex(3F2B26)	Hex(524A48)	Hex(3F263A)	Hex(292423)	Hex(A8A8A8)	Hex(292929)
Hex(3F2B26)		Ratio: 1.53 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(524A48)	Ratio: 1.53 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(3F263A)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(292423)	Ratio: 1.16 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(A8A8A8)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 6.44 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.10 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.07 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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