

Converting Colors - WCAG Matrix

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

Hex(293D3D) Hex(474F4F) Hex(293D29) Hex(242929) Hex(A8A8A8) Hex(292929)

	Hex(293D3D)	Hex(474F4F)	Hex(293D29)	Hex(242929)	Hex(A8A8A8)	Hex(292929)
Hex(293D3D)		Ratio: 1.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(474F4F)	Ratio: 1.37 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(293D29)	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(242929)	Ratio: 1.28 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A8A8A8)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 6.20 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.27 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 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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