

Converting Colors - WCAG Matrix

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

Hex(343D3C) Hex(4C4F4F) Hex(353D34) Hex(272929) Hex(A8A8A8) Hex(292929)

	Hex(343D3C)	Hex(4C4F4F)	Hex(353D34)	Hex(272929)	Hex(A8A8A8)	Hex(292929)
Hex(343D3C)		Ratio: 1.35 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(4C4F4F)	Ratio: 1.35 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.76 Failed ⁵
Hex(353D34)	Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(272929)	Ratio: 1.31 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A8A8A8)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.30 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.29 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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