

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3E373B) Hex(4F4D4E) Hex(39373E) Hex(292728) Hex(A8A8A8) Hex(292929)

	Hex(3E373B)	Hex(4F4D4E)	Hex(39373E)	Hex(292728)	Hex(A8A8A8)	Hex(292929)
Hex(3E373B)		Ratio: 1.38 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(4F4D4E)	Ratio: 1.38 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(39373E)	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(292728)	Ratio: 1.28 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A8A8A8)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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.