

Converting Colors - WCAG Matrix

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

Hex(311F6F) Hex(797191) Hex(1F5E6F) Hex(3B374A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(311F6F)	Hex(797191)	Hex(1F5E6F)	Hex(3B374A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(311F6F)		Ratio: 2.95 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 8.15 Passed ⁶	Ratio: 1.52 Failed ⁵
Hex(797191)	Ratio: 2.95 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(1F5E6F)	Ratio: 1.86 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(3B374A)	Ratio: 1.18 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(C9C9C9)	Ratio: 8.15 Passed ⁶	Ratio: 2.77 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 6.92 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.52 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.35 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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