

Converting Colors - WCAG Matrix

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

Hex(A28AAF) Hex(DED5E3) Hex(8A98AF) Hex(706B73) Hex(F2F2F2) Hex(737373)

	Hex(A28AAF)	Hex(DED5E3)	Hex(8A98AF)	Hex(706B73)	Hex(F2F2F2)	Hex(737373)
Hex(A28AAF)		Ratio: 2.17 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(DED5E3)	Ratio: 2.17 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(8A98AF)	Ratio: 1.06 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(706B73)	Ratio: 1.68 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(F2F2F2)	Ratio: 2.76 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.53 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.24 AA 18pt ²	

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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