

Converting Colors - WCAG Matrix

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

Hex(AA84AB) Hex(DDCEDE) Hex(8485AB) Hex(706770) Hex(F0F0F0) Hex(707070)

	Hex(AA84AB)	Hex(DDCEDE)	Hex(8485AB)	Hex(706770)	Hex(F0F0F0)	Hex(707070)
Hex(AA84AB)		Ratio: 2.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(DDCEDE)	Ratio: 2.12 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(8485AB)	Ratio: 1.11 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(706770)	Ratio: 1.71 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(F0F0F0)	Ratio: 2.79 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.56 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.35 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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