

Converting Colors - WCAG Matrix

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

Hex(995C86) Hex(C7AFBF) Hex(6F5C99) Hex(63565F) Hex(E3E3E3) Hex(636363)

	Hex(995C86)	Hex(C7AFBF)	Hex(6F5C99)	Hex(63565F)	Hex(E3E3E3)	Hex(636363)
Hex(995C86)		Ratio: 2.44 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(C7AFBF)	Ratio: 2.44 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(6F5C99)	Ratio: 1.15 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(63565F)	Ratio: 1.40 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(E3E3E3)	Ratio: 3.87 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.21 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.68 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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