

Converting Colors - WCAG Matrix

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

Hex(817599) Hex(BEB9C7) Hex(758D99) Hex(5E5B63) Hex(E3E3E3) Hex(636363)

	Hex(817599)	Hex(BEB9C7)	Hex(758D99)	Hex(5E5B63)	Hex(E3E3E3)	Hex(636363)
Hex(817599)		Ratio: 2.22 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(BEB9C7)	Ratio: 2.22 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(758D99)	Ratio: 1.22 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(5E5B63)	Ratio: 1.57 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E3E3E3)	Ratio: 3.31 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.41 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.11 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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