

Converting Colors - WCAG Matrix

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

Hex(7A9292) Hex(B3BDBD) Hex(7A927A) Hex(595E5E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(7A9292)	Hex(B3BDBD)	Hex(7A927A)	Hex(595E5E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(7A9292)		Ratio: 1.72 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(B3BDBD)	Ratio: 1.72 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(7A927A)	Ratio: 1.02 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(595E5E)	Ratio: 1.99 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.95 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(DEDEDE)	Ratio: 2.46 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.96 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.82 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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