

Converting Colors - WCAG Matrix

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

Hex(8B8D5F) Hex(B7B8A5) Hex(8D615F) Hex(5B5C51) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8B8D5F)	Hex(B7B8A5)	Hex(8D615F)	Hex(5B5C51)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8B8D5F)		Ratio: 1.71 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(B7B8A5)	Ratio: 1.71 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(8D615F)	Ratio: 1.52 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(5B5C51)	Ratio: 1.96 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(DBDBDB)	Ratio: 2.50 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.93 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.83 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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