

Converting Colors - WCAG Matrix

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

Hex(8E8E4F) Hex(B8B8A0) Hex(8E4F4F) Hex(5C5C4D) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8E8E4F)	Hex(B8B8A0)	Hex(8E4F4F)	Hex(5C5C4D)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8E8E4F)		Ratio: 1.70 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(B8B8A0)	Ratio: 1.70 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(8E4F4F)	Ratio: 1.81 Failed ⁵	Ratio: 3.08 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(5C5C4D)	Ratio: 1.98 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(DBDBDB)	Ratio: 2.47 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.49 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.95 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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