

Converting Colors - WCAG Matrix

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

Hex(8C8151) Hex(B8B3A0) Hex(8C515D) Hex(5C594D) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C8151)	Hex(B8B3A0)	Hex(8C515D)	Hex(5C594D)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C8151)		Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(B8B3A0)	Ratio: 1.86 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(8C515D)	Ratio: 1.56 Failed ⁵	Ratio: 2.90 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(5C594D)	Ratio: 1.80 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(DBDBDB)	Ratio: 2.82 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.71 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 1.05 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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