

Converting Colors - WCAG Matrix

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

Hex(8C6E5C) Hex(B8ABA6) Hex(8C5C7A) Hex(5C5452) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C6E5C)	Hex(B8ABA6)	Hex(8C5C7A)	Hex(5C5452)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C6E5C)		Ratio: 2.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(B8ABA6)	Ratio: 2.09 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(8C5C7A)	Ratio: 1.15 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(5C5452)	Ratio: 1.58 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(DBDBDB)	Ratio: 3.37 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.43 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 1.10 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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