

Converting Colors - WCAG Matrix

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

Hex(8C5433) Hex(B8A394) Hex(8C336B) Hex(5C4F47) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C5433)	Hex(B8A394)	Hex(8C336B)	Hex(5C4F47)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C5433)		Ratio: 2.54 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.09 Failed ⁵
Hex(B8A394)	Ratio: 2.54 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(8C336B)	Ratio: 1.22 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(5C4F47)	Ratio: 1.29 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(DBDBDB)	Ratio: 4.42 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.09 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 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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