

Converting Colors - WCAG Matrix

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

Hex(A89F76) Hex(DBCD8C) Hex(98A876) Hex(54534C) Hex(947900) Hex(141100)

	Hex(A89F76)	Hex(DBCD8C)	Hex(98A876)	Hex(54534C)	Hex(947900)	Hex(141100)
Hex(A89F76)		Ratio: 1.66 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 7.10 Passed ⁶
Hex(DBCD8C)	Ratio: 1.66 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 2.63 Failed ⁵	Ratio: 11.82 Passed ⁶
Hex(98A876)	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(54534C)	Ratio: 2.90 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.02 AA 18pt ²		Ratio: 1.84 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(947900)	Ratio: 1.58 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(141100)	Ratio: 7.10 Passed ⁶	Ratio: 11.82 Passed ⁶	Ratio: 7.39 Passed ⁶	Ratio: 2.45 Failed ⁵	Ratio: 4.50 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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