

Converting Colors - WCAG Matrix

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

Hex(AAAA6F) Hex(DEDE81) Hex(8DAA6F) Hex(54544C) Hex(949400) Hex(141400)

	Hex(AAAA6F)	Hex(DEDE81)	Hex(8DAA6F)	Hex(54544C)	Hex(949400)	Hex(141400)
Hex(AAAA6F)		Ratio: 1.71 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 7.69 Passed ⁶
Hex(DEDE81)	Ratio: 1.71 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 2.29 Failed ⁵	Ratio: 13.16 Passed ⁶
Hex(8DAA6F)	Ratio: 1.07 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 7.18 Passed ⁶
Hex(54544C)	Ratio: 3.16 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(949400)	Ratio: 1.34 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 5.75 AA ¹ AAA 18pt ⁴
Hex(141400)	Ratio: 7.69 Passed ⁶	Ratio: 13.16 Passed ⁶	Ratio: 7.18 Passed ⁶	Ratio: 2.43 Failed ⁵	Ratio: 5.75 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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