

Converting Colors - WCAG Matrix

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

Hex(787F66) Hex(A3A69C) Hex(7F6D66) Hex(53544E) Hex(D4D4D4) Hex(545454)

	Hex(787F66)	Hex(A3A69C)	Hex(7F6D66)	Hex(53544E)	Hex(D4D4D4)	Hex(545454)
Hex(787F66)		Ratio: 1.69 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(A3A69C)	Ratio: 1.69 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(7F6D66)	Ratio: 1.17 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(53544E)	Ratio: 1.83 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.56 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D4D4D4)	Ratio: 2.82 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.81 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.11 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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