

Converting Colors - WCAG Matrix

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

Hex(8A775E) Hex(B3ABA1) Hex(8A5E71) Hex(59554F) Hex(D9D9D9) Hex(595959)

	Hex(8A775E)	Hex(B3ABA1)	Hex(8A5E71)	Hex(59554F)	Hex(D9D9D9)	Hex(595959)
Hex(8A775E)		Ratio: 1.90 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(B3ABA1)	Ratio: 1.90 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(8A5E71)	Ratio: 1.25 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(59554F)	Ratio: 1.72 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(D9D9D9)	Ratio: 3.05 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.63 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.96 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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