

Converting Colors - WCAG Matrix

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

Hex(8A5F42) Hex(B3A196) Hex(8A426D) Hex(594F48) Hex(D9D9D9) Hex(595959)

	Hex(8A5F42)	Hex(B3A196)	Hex(8A426D)	Hex(594F48)	Hex(D9D9D9)	Hex(595959)
Hex(8A5F42)		Ratio: 2.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(B3A196)	Ratio: 2.23 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(8A426D)	Ratio: 1.23 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(594F48)	Ratio: 1.44 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(D9D9D9)	Ratio: 3.92 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.27 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.14 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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