

Converting Colors - WCAG Matrix

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

Hex(8A8371) Hex(B3B0AA) Hex(8A7178) Hex(595854) Hex(D9D9D9) Hex(595959)

	Hex(8A8371)	Hex(B3B0AA)	Hex(8A7178)	Hex(595854)	Hex(D9D9D9)	Hex(595959)
Hex(8A8371)		Ratio: 1.74 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(B3B0AA)	Ratio: 1.74 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(8A7178)	Ratio: 1.18 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(595854)	Ratio: 1.89 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D9D9D9)	Ratio: 2.67 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.86 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.02 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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