

Converting Colors - WCAG Matrix

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

Hex(883F11) Hex(B09482) Hex(88115A) Hex(59483E) Hex(D9D9D9) Hex(595959)

	Hex(883F11)	Hex(B09482)	Hex(88115A)	Hex(59483E)	Hex(D9D9D9)	Hex(595959)
Hex(883F11)		Ratio: 2.68 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(B09482)	Ratio: 2.68 Failed ⁵		Ratio: 3.26 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(88115A)	Ratio: 1.22 Failed ⁵	Ratio: 3.26 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(59483E)	Ratio: 1.14 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(D9D9D9)	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 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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