

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(39AD8E) Hex(B4E0D4) Hex(58AD39) Hex(557069) Hex(F0F0F0) Hex(707070)

	Hex(39AD8E)	Hex(B4E0D4)	Hex(58AD39)	Hex(557069)	Hex(F0F0F0)	Hex(707070)
Hex(39AD8E)		Ratio: 1.93 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(B4E0D4)	Ratio: 1.93 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(58AD39)	Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(557069)	Ratio: 1.93 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(F0F0F0)	Ratio: 2.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.78 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.35 AA 18pt ²	

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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