

Converting Colors - WCAG Matrix

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

Hex(24AD8A) Hex(ABE0D1) Hex(47AD24) Hex(4F7069) Hex(F0F0F0) Hex(707070)

	Hex(24AD8A)	Hex(ABE0D1)	Hex(47AD24)	Hex(4F7069)	Hex(F0F0F0)	Hex(707070)
Hex(24AD8A)		Ratio: 1.93 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(ABE0D1)	Ratio: 1.93 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(47AD24)	Ratio: 1.02 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(4F7069)	Ratio: 1.93 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(F0F0F0)	Ratio: 2.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.75 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 1.10 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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