

Converting Colors - WCAG Matrix

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

Hex(00A78F) Hex(98D9CF) Hex(19A700) Hex(466E68) Hex(EDEDED) Hex(6E6E6E)

	Hex(00A78F)	Hex(98D9CF)	Hex(19A700)	Hex(466E68)	Hex(EDEDED)	Hex(6E6E6E)
Hex(00A78F)		Ratio: 1.90 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(98D9CF)	Ratio: 1.90 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(19A700)	Ratio: 1.05 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(466E68)	Ratio: 1.88 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.78 Failed ⁵		Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(EDEDED)	Ratio: 2.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.68 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.36 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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