

Converting Colors - WCAG Matrix

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

Hex(009A82) Hex(8DC9C0) Hex(1A9A00) Hex(416660) Hex(E6E6E6) Hex(666666)

	Hex(009A82)	Hex(8DC9C0)	Hex(1A9A00)	Hex(416660)	Hex(E6E6E6)	Hex(666666)
Hex(009A82)		Ratio: 1.89 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(8DC9C0)	Ratio: 1.89 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(1A9A00)	Ratio: 1.05 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(416660)	Ratio: 1.80 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.72 Failed ⁵		Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E6E6E6)	Ratio: 2.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.63 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.60 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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