

Converting Colors - WCAG Matrix

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

Hex(009974) Hex(8BC7B8) Hex(269900) Hex(40635B) Hex(E3E3E3) Hex(636363)

	Hex(009974)	Hex(8BC7B8)	Hex(269900)	Hex(40635B)	Hex(E3E3E3)	Hex(636363)
Hex(009974)		Ratio: 1.89 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(8BC7B8)	Ratio: 1.89 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(269900)	Ratio: 1.03 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(40635B)	Ratio: 1.84 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(E3E3E3)	Ratio: 2.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.66 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.68 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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