

Converting Colors - WCAG Matrix

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

Hex(00A962) Hex(00DB7F) Hex(009EA9) Hex(4C5451) Hex(009456) Hex(00140C)

	Hex(00A962)	Hex(00DB7F)	Hex(009EA9)	Hex(4C5451)	Hex(009456)	Hex(00140C)
Hex(00A962)		Ratio: 1.67 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴
Hex(00DB7F)	Ratio: 1.67 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.35 Passed ⁶
Hex(009EA9)	Ratio: 1.06 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(4C5451)	Ratio: 2.54 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(009456)	Ratio: 1.28 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(00140C)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 10.35 Passed ⁶	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.86 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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