

Converting Colors - WCAG Matrix

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

Hex(76C69D) Hex(85FFC0) Hex(76C6C3) Hex(5A635E) Hex(00A34F) Hex(002411)

	Hex(76C69D)	Hex(85FFC0)	Hex(76C6C3)	Hex(5A635E)	Hex(00A34F)	Hex(002411)
Hex(76C69D)		Ratio: 1.65 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 8.20 Passed ⁶
Hex(85FFC0)	Ratio: 1.65 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 2.69 Failed ⁵	Ratio: 13.54 Passed ⁶
Hex(76C6C3)	Ratio: 1.03 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 8.44 Passed ⁶
Hex(5A635E)	Ratio: 3.06 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²		Ratio: 1.88 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(00A34F)	Ratio: 1.63 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(002411)	Ratio: 8.20 Passed ⁶	Ratio: 13.54 Passed ⁶	Ratio: 8.44 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 5.04 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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