

Converting Colors - WCAG Matrix

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

Hex(2B6E4D) Hex(278F5B) Hex(2B6E6E) Hex(323835) Hex(00783D) Hex(00F77E)

	Hex(2B6E4D)	Hex(278F5B)	Hex(2B6E6E)	Hex(323835)	Hex(00783D)	Hex(00F77E)
Hex(2B6E4D)		Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(278F5B)	Ratio: 1.50 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(2B6E6E)	Ratio: 1.03 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(323835)	Ratio: 1.96 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 8.33 Passed ⁶
Hex(00783D)	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 3.89 AA 18pt ²
Hex(00F77E)	Ratio: 4.25 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 8.33 Passed ⁶	Ratio: 3.89 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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