

Converting Colors - WCAG Matrix

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

Hex(2E877E) Hex(25B0A2) Hex(2E6587) Hex(3C4242) Hex(008275) Hex(000302)

	Hex(2E877E)	Hex(25B0A2)	Hex(2E6587)	Hex(3C4242)	Hex(008275)	Hex(000302)
Hex(2E877E)		Ratio: 1.60 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(25B0A2)	Ratio: 1.60 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 7.70 Passed ⁶
Hex(2E6587)	Ratio: 1.47 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(3C4242)	Ratio: 2.38 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(008275)	Ratio: 1.10 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.39 AA 18pt ²
Hex(000302)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 3.28 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 4.39 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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