

Converting Colors - WCAG Matrix

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

Hex(31443D) Hex(3C594E) Hex(314244) Hex(1E2120) Hex(00613C) Hex(00E08A)

	Hex(31443D)	Hex(3C594E)	Hex(314244)	Hex(1E2120)	Hex(00613C)	Hex(00E08A)
Hex(31443D)		Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(3C594E)	Ratio: 1.35 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.40 AA 18pt ²
Hex(314244)	Ratio: 1.02 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(1E2120)	Ratio: 1.57 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 9.30 Passed ⁶
Hex(00613C)	Ratio: 1.37 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(00E08A)	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 9.30 Passed ⁶	Ratio: 4.33 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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