

Converting Colors - WCAG Matrix

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

Hex(3F4338) Hex(515745) Hex(3A4338) Hex(20211E) Hex(416100) Hex(96E000)

	Hex(3F4338)	Hex(515745)	Hex(3A4338)	Hex(20211E)	Hex(416100)	Hex(96E000)
Hex(3F4338)		Ratio: 1.35 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 6.26 AA ¹ AAA 18pt ⁴
Hex(515745)	Ratio: 1.35 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(3A4338)	Ratio: 1.02 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(20211E)	Ratio: 1.60 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 9.99 Passed ⁶
Hex(416100)	Ratio: 1.42 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 4.42 AA 18pt ²
Hex(96E000)	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 9.99 Passed ⁶	Ratio: 4.42 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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