

Converting Colors - WCAG Matrix

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

Hex(3F3A33) Hex(524A3F) Hex(3E3F33) Hex(1F1D1C) Hex(5E3700) Hex(DE8100)

	Hex(3F3A33)	Hex(524A3F)	Hex(3E3F33)	Hex(1F1D1C)	Hex(5E3700)	Hex(DE8100)
Hex(3F3A33)		Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(524A3F)	Ratio: 1.29 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(3E3F33)	Ratio: 1.05 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(1F1D1C)	Ratio: 1.49 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.79 AA ¹ AAA 18pt ⁴
Hex(5E3700)	Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.58 AA 18pt ²
Hex(DE8100)	Ratio: 3.89 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 3.58 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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