

Converting Colors - WCAG Matrix

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

Hex(403536) Hex(544345) Hex(3C4035) Hex(211E1E) Hex(61000B) Hex(E0001A)

	Hex(403536)	Hex(544345)	Hex(3C4035)	Hex(211E1E)	Hex(61000B)	Hex(E0001A)
Hex(403536)		Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(544345)	Ratio: 1.27 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(3C4035)	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(211E1E)	Ratio: 1.40 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(61000B)	Ratio: 1.18 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(E0001A)	Ratio: 2.35 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.77 Failed ⁵	

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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