

Converting Colors - WCAG Matrix

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

Hex(3C373B) Hex(4F474D) Hex(393C37) Hex(1F1C1E) Hex(5E004B) Hex(DE00B1)

	Hex(3C373B)	Hex(4F474D)	Hex(393C37)	Hex(1F1C1E)	Hex(5E004B)	Hex(DE00B1)
Hex(3C373B)		Ratio: 1.30 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(4F474D)	Ratio: 1.30 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(393C37)	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(1F1C1E)	Ratio: 1.45 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(5E004B)	Ratio: 1.14 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(DE00B1)	Ratio: 2.63 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 3.01 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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