

Converting Colors - WCAG Matrix

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

Hex(3F1F32) Hex(52203D) Hex(1F3F3C) Hex(1F1C1D) Hex(5E0038) Hex(DE0084)

	Hex(3F1F32)	Hex(52203D)	Hex(1F3F3C)	Hex(1F1C1D)	Hex(5E0038)	Hex(DE0084)
Hex(3F1F32)		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(52203D)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(1F3F3C)	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(1F1C1D)	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(5E0038)	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(DE0084)	Ratio: 3.05 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.90 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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