

Converting Colors - WCAG Matrix

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

Hex(3B0A3B) Hex(4D004D) Hex(213B0A) Hex(1F1C1F) Hex(5E005E) Hex(DE00DE)

	Hex(3B0A3B)	Hex(4D004D)	Hex(213B0A)	Hex(1F1C1F)	Hex(5E005E)	Hex(DE00DE)
Hex(3B0A3B)		Ratio: 1.10 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(4D004D)	Ratio: 1.10 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(213B0A)	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(1F1C1F)	Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(5E005E)	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.15 AA 18pt ²
Hex(DE00DE)	Ratio: 3.99 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 3.15 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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