

Converting Colors - WCAG Matrix

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

Hex(392839) Hex(4A2F4A) Hex(392831) Hex(1C191C) Hex(5C005C) Hex(DB00DB)

	Hex(392839)	Hex(4A2F4A)	Hex(392831)	Hex(1C191C)	Hex(5C005C)	Hex(DB00DB)
Hex(392839)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(4A2F4A)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(392831)	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(1C191C)	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(5C005C)	Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.13 AA 18pt ²
Hex(DB00DB)	Ratio: 3.28 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 3.13 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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