

Converting Colors - WCAG Matrix

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

Hex(35001A) Hex(450022) Hex(353500) Hex(1A1718) Hex(59002C) Hex(D9006C)

	Hex(35001A)	Hex(450022)	Hex(353500)	Hex(1A1718)	Hex(59002C)	Hex(D9006C)
Hex(35001A)		Ratio: 1.09 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(450022)	Ratio: 1.09 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(353500)	Ratio: 1.42 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(1A1718)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(59002C)	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(D9006C)	Ratio: 3.57 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.85 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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