

Converting Colors - WCAG Matrix

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

Hex(330019) Hex(420020) Hex(333300) Hex(1A1718) Hex(59002C) Hex(D9006A)

	Hex(330019)	Hex(420020)	Hex(333300)	Hex(1A1718)	Hex(59002C)	Hex(D9006A)
Hex(330019)		Ratio: 1.08 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(420020)	Ratio: 1.08 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(333300)	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(1A1718)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(59002C)	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(D9006A)	Ratio: 3.60 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.58 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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