

Converting Colors - WCAG Matrix

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

Hex(332C33) Hex(423842) Hex(332C30) Hex(1A171A) Hex(590059) Hex(D900D9)

	Hex(332C33)	Hex(423842)	Hex(332C30)	Hex(1A171A)	Hex(590059)	Hex(D900D9)
Hex(332C33)		Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(423842)	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(332C30)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(1A171A)	Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.19 AA 18pt ²
Hex(590059)	Ratio: 1.01 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.16 AA 18pt ²
Hex(D900D9)	Ratio: 3.20 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 3.16 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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