

Converting Colors - WCAG Matrix

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

Hex(32272A) Hex(402F34) Hex(322927) Hex(1A1718) Hex(590018) Hex(D9003B)

	Hex(32272A)	Hex(402F34)	Hex(322927)	Hex(1A1718)	Hex(590018)	Hex(D9003B)
Hex(32272A)		Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(402F34)	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(322927)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(1A1718)	Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(590018)	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(D9003B)	Ratio: 2.75 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.79 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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