

Converting Colors - WCAG Matrix

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

Hex(590005) Hex(730006) Hex(005927) Hex(2B2727) Hex(6B0006) Hex(EB000D)

	Hex(590005)	Hex(730006)	Hex(005927)	Hex(2B2727)	Hex(6B0006)	Hex(EB000D)
Hex(590005)		Ratio: 1.21 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(730006)	Ratio: 1.21 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(005927)	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(2B2727)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0006)	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB000D)	Ratio: 3.18 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.19 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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