

Converting Colors - WCAG Matrix

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

Hex(CB4049) Hex(AC2133) Hex(8E001E) Hex(700006) Hex(520000) Hex(3D0003)

	Hex(CB4049)	Hex(AC2133)	Hex(8E001E)	Hex(700006)	Hex(520000)	Hex(3D0003)
Hex(CB4049)		Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(AC2133)	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(8E001E)	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(700006)	Ratio: 2.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(520000)	Ratio: 3.22 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(3D0003)	Ratio: 3.64 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 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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