

Converting Colors - WCAG Matrix

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

Hex(540031) Hex(6E0040) Hex(540007) Hex(292527) Hex(69003D) Hex(E80087)

	Hex(540031)	Hex(6E0040)	Hex(540007)	Hex(292527)	Hex(69003D)	Hex(E80087)
Hex(540031)		Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(6E0040)	Ratio: 1.22 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(540007)	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(292527)	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(69003D)	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(E80087)	Ratio: 3.36 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 2.87 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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