

Converting Colors - WCAG Matrix

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

Hex(4E0941) **Hex(660053)** **Hex(094E38)** **Hex(262226)** **Hex(E600BA)**

Hex(4E0941)		Ratio: 1.17 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(660053)	Ratio: 1.17 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(094E38)	Ratio: 1.50 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(262226)	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.79 AA 18pt ²
Hex(E600BA)	Ratio: 3.52 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 3.79 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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