

Converting Colors - WCAG Matrix

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

Hex(504A4D) Hex(695E64) Hex(504A4A) Hex(292527) Hex(690039) Hex(E8007E)

	Hex(504A4D)	Hex(695E64)	Hex(504A4A)	Hex(292527)	Hex(690039)	Hex(E8007E)
Hex(504A4D)		Ratio: 1.39 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(695E64)	Ratio: 1.39 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(504A4A)	Ratio: 1.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(292527)	Ratio: 1.75 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(690039)	Ratio: 1.46 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(E8007E)	Ratio: 1.95 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.85 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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