

Converting Colors - WCAG Matrix

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

Hex(5A5357) Hex(756B71) Hex(545A53) Hex(2E292C) Hex(6E003E) Hex(ED0087)

	Hex(5A5357)	Hex(756B71)	Hex(545A53)	Hex(2E292C)	Hex(6E003E)	Hex(ED0087)
Hex(5A5357)		Ratio: 1.46 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(756B71)	Ratio: 1.46 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(545A53)	Ratio: 1.06 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(2E292C)	Ratio: 1.91 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(6E003E)	Ratio: 1.62 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(ED0087)	Ratio: 1.76 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.86 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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