

Converting Colors - WCAG Matrix

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

Hex(5E555D) Hex(7A6C78) Hex(5E5B55) Hex(302C30) Hex(70005E) Hex(F000C8)

	Hex(5E555D)	Hex(7A6C78)	Hex(5E5B55)	Hex(302C30)	Hex(70005E)	Hex(F000C8)
Hex(5E555D)		Ratio: 1.45 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(7A6C78)	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(5E5B55)	Ratio: 1.06 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(302C30)	Ratio: 1.92 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(70005E)	Ratio: 1.59 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.99 Failed ⁵
Hex(F000C8)	Ratio: 1.89 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.99 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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