

Converting Colors - WCAG Matrix

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

Hex(450745) Hex(594159) Hex(070745) Hex(2E1F2E) Hex(ADADAD) Hex(2E2E2E)

	Hex(450745)	Hex(594159)	Hex(070745)	Hex(2E1F2E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(450745)		Ratio: 1.70 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(594159)	Ratio: 1.70 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(070745)	Ratio: 1.22 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 8.32 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(2E1F2E)	Ratio: 1.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(ADADAD)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 8.32 Passed ⁶	Ratio: 6.92 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.13 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴	

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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