

Converting Colors - WCAG Matrix

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

Hex(AB005F) Hex(DE007B) Hex(ABA000) Hex(574E53) Hex(960054) Hex(17000D)

	Hex(AB005F)	Hex(DE007B)	Hex(ABA000)	Hex(574E53)	Hex(960054)	Hex(17000D)
Hex(AB005F)		Ratio: 1.52 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(DE007B)	Ratio: 1.52 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(ABA000)	Ratio: 2.68 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 7.45 Passed ⁶
Hex(574E53)	Ratio: 1.11 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.96 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960054)	Ratio: 1.19 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(17000D)	Ratio: 2.78 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 7.45 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.33 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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