

Converting Colors - WCAG Matrix

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

Hex(B40E50) Hex(EB005D) Hex(A3B40E) Hex(595054) Hex(99003D) Hex(1A000A)

	Hex(B40E50)	Hex(EB005D)	Hex(A3B40E)	Hex(595054)	Hex(99003D)	Hex(1A000A)
Hex(B40E50)		Ratio: 1.50 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(EB005D)	Ratio: 1.50 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(A3B40E)	Ratio: 2.91 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 3.37 AA 18pt ²	Ratio: 3.75 AA 18pt ²	Ratio: 8.67 Passed ⁶
Hex(595054)	Ratio: 1.16 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.37 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99003D)	Ratio: 1.29 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.31 Failed ⁵
Hex(1A000A)	Ratio: 2.98 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 8.67 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.31 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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