

Converting Colors - WCAG Matrix

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

Hex(B1015D) Hex(E60078) Hex(B1AB01) Hex(595055) Hex(990050) Hex(1A000D)

	Hex(B1015D)	Hex(E60078)	Hex(B1AB01)	Hex(595055)	Hex(990050)	Hex(1A000D)
Hex(B1015D)		Ratio: 1.53 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(E60078)	Ratio: 1.53 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 4.42 AA 18pt ²
Hex(B1AB01)	Ratio: 2.87 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 8.28 Passed ⁶
Hex(595055)	Ratio: 1.12 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.22 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(990050)	Ratio: 1.23 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(1A000D)	Ratio: 2.89 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 8.28 Passed ⁶	Ratio: 2.58 Failed ⁵	Ratio: 2.35 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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