

Converting Colors - WCAG Matrix

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

Hex(9E0067) Hex(81004F) Hex(650038) Hex(4A0023) Hex(2F000A) Hex(000000)

	Hex(9E0067)	Hex(81004F)	Hex(650038)	Hex(4A0023)	Hex(2F000A)	Hex(000000)
Hex(9E0067)		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(81004F)	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(650038)	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(4A0023)	Ratio: 2.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(2F000A)	Ratio: 2.35 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 2.65 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 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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