

Converting Colors - WCAG Matrix

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

Hex(82394F) Hex(672138) Hex(4D0523) Hex(35000D) Hex(160000) Hex(000000)

	Hex(82394F)	Hex(672138)	Hex(4D0523)	Hex(35000D)	Hex(160000)	Hex(000000)
Hex(82394F)		Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(672138)	Ratio: 1.43 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(4D0523)	Ratio: 1.94 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(35000D)	Ratio: 2.29 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(160000)	Ratio: 2.56 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 2.65 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 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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