

Converting Colors - WCAG Matrix

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

Hex(433048) Hex(56395E) Hex(483041) Hex(232024) Hex(4F0063) Hex(B400E3)

	Hex(433048)	Hex(56395E)	Hex(483041)	Hex(232024)	Hex(4F0063)	Hex(B400E3)
Hex(433048)		Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(56395E)	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(483041)	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(232024)	Ratio: 1.35 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(4F0063)	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(B400E3)	Ratio: 2.31 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.68 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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