

Converting Colors - WCAG Matrix

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

Hex(83016D) Hex(AB008E) Hex(2C8301) Hex(423C41) Hex(82006C) Hex(030002)

	Hex(83016D)	Hex(AB008E)	Hex(2C8301)	Hex(423C41)	Hex(82006C)	Hex(030002)
Hex(83016D)		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(AB008E)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(2C8301)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(423C41)	Ratio: 1.12 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(82006C)	Ratio: 1.01 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(030002)	Ratio: 2.18 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.16 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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