

Converting Colors - WCAG Matrix

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

Hex(271B33) Hex(301D42) Hex(331B33) Hex(18171A) Hex(2D0059) Hex(6C00D9)

	Hex(271B33)	Hex(301D42)	Hex(331B33)	Hex(18171A)	Hex(2D0059)	Hex(6C00D9)
Hex(271B33)		Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(301D42)	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(331B33)	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(18171A)	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(2D0059)	Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(6C00D9)	Ratio: 2.04 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.10 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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