

Converting Colors - WCAG Matrix

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

Hex(2C1BB4) Hex(1A00EB) Hex(771BB4) Hex(515059) Hex(110099) Hex(03001A)

	Hex(2C1BB4)	Hex(1A00EB)	Hex(771BB4)	Hex(515059)	Hex(110099)	Hex(03001A)
Hex(2C1BB4)		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(1A00EB)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(771BB4)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(515059)	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(110099)	Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.46 Failed ⁵
Hex(03001A)	Ratio: 1.89 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.46 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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