

Converting Colors - WCAG Matrix

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

Hex(2E0425) Hex(3B002E) Hex(2E2204) Hex(171516) Hex(570044) Hex(D600A7)

	Hex(2E0425)	Hex(3B002E)	Hex(2E2204)	Hex(171516)	Hex(570044)	Hex(D600A7)
Hex(2E0425)		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(3B002E)	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(2E2204)	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(171516)	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(570044)	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(D600A7)	Ratio: 3.81 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 2.97 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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