

Converting Colors - WCAG Matrix

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

Hex(30002F) Hex(40003E) Hex(301900) Hex(171517) Hex(570055) Hex(D600D2)

	Hex(30002F)	Hex(40003E)	Hex(301900)	Hex(171517)	Hex(570055)	Hex(D600D2)
Hex(30002F)		Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(40003E)	Ratio: 1.10 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(301900)	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(171517)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.14 AA 18pt ²
Hex(570055)	Ratio: 1.32 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(D600D2)	Ratio: 4.11 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 3.12 AA 18pt ²	

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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