

Converting Colors - WCAG Matrix

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

Hex(310002) Hex(400002) Hex(001B31) Hex(1A1717) Hex(590003) Hex(D90008)

	Hex(310002)	Hex(400002)	Hex(001B31)	Hex(1A1717)	Hex(590003)	Hex(D90008)
Hex(310002)		Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(400002)	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(001B31)	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(1A1717)	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(590003)	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(D90008)	Ratio: 3.49 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 2.77 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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