

Converting Colors - WCAG Matrix

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

Hex(261517) Hex(33171B) Hex(15261C) Hex(141213) Hex(540009) Hex(D40018)

	Hex(261517)	Hex(33171B)	Hex(15261C)	Hex(141213)	Hex(540009)	Hex(D40018)
Hex(261517)		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(33171B)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(15261C)	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(141213)	Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(540009)	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(D40018)	Ratio: 3.17 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.76 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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