

Converting Colors - WCAG Matrix

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

Hex(291D22) Hex(36232B) Hex(291E1D) Hex(141213) Hex(540023) Hex(D40058)

	Hex(291D22)	Hex(36232B)	Hex(291E1D)	Hex(141213)	Hex(540023)	Hex(D40058)
Hex(291D22)		Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(36232B)	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(291E1D)	Ratio: 1.00 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(141213)	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(540023)	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(D40058)	Ratio: 3.05 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.81 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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