

Converting Colors - WCAG Matrix

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

Hex(272024) Hex(33282E) Hex(202726) Hex(141214) Hex(540030) Hex(D40079)

	Hex(272024)	Hex(33282E)	Hex(202726)	Hex(141214)	Hex(540030)	Hex(D40079)
Hex(272024)		Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(33282E)	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(202726)	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(141214)	Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(540030)	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(D40079)	Ratio: 3.09 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.87 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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