

Converting Colors - WCAG Matrix

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

Hex(2B2729) Hex(383235) Hex(272B27) Hex(141213) Hex(54002E) Hex(D40074)

	Hex(2B2729)	Hex(383235)	Hex(272B27)	Hex(141213)	Hex(54002E)	Hex(D40074)
Hex(2B2729)		Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(383235)	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(272B27)	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(141213)	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(54002E)	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(D40074)	Ratio: 2.84 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.86 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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