

Converting Colors - WCAG Matrix

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

Hex(3C1421) Hex(4F1024) Hex(14353C) Hex(1F1C1D) Hex(5E001F) Hex(DE0048)

	Hex(3C1421)	Hex(4F1024)	Hex(14353C)	Hex(1F1C1D)	Hex(5E001F)	Hex(DE0048)
Hex(3C1421)		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(4F1024)	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(14353C)	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(1F1C1D)	Ratio: 1.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(5E001F)	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(DE0048)	Ratio: 3.20 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.38 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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