

Converting Colors - WCAG Matrix

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

Hex(3F523F) **Hex(293B29)** **Hex(142515)** **Hex(001100)** **Hex(000000)**

Hex(3F523F)		Ratio: 1.42 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(293B29)	Ratio: 1.42 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(142515)	Ratio: 1.91 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(001100)	Ratio: 2.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 2.49 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 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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