

Converting Colors - WCAG Matrix

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

Hex(593E40) Hex(73494C) Hex(3E5949) Hex(2B2727) Hex(6B0008) Hex(EB0011)

	Hex(593E40)	Hex(73494C)	Hex(3E5949)	Hex(2B2727)	Hex(6B0008)	Hex(EB0011)
Hex(593E40)		Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(73494C)	Ratio: 1.27 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(3E5949)	Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(2B2727)	Ratio: 1.54 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0008)	Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0011)	Ratio: 2.08 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.79 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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