

Converting Colors - WCAG Matrix

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

Hex(59394D) Hex(73415F) Hex(59393D) Hex(2B272A) Hex(6B0041) Hex(EB008E)

	Hex(59394D)	Hex(73415F)	Hex(59393D)	Hex(2B272A)	Hex(6B0041)	Hex(EB008E)
Hex(59394D)		Ratio: 1.25 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(73415F)	Ratio: 1.25 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(59393D)	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(2B272A)	Ratio: 1.48 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(6B0041)	Ratio: 1.24 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(EB008E)	Ratio: 2.33 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.89 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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