

Converting Colors - WCAG Matrix

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

Hex(53354A) Hex(6B3C5D) Hex(534D35) Hex(292528) Hex(690048) Hex(E800A0)

	Hex(53354A)	Hex(6B3C5D)	Hex(534D35)	Hex(292528)	Hex(690048)	Hex(E800A0)
Hex(53354A)		Ratio: 1.23 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(6B3C5D)	Ratio: 1.23 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(534D35)	Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(292528)	Ratio: 1.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(690048)	Ratio: 1.17 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(E800A0)	Ratio: 2.50 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.92 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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