

Converting Colors - WCAG Matrix

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

Hex(583F4A) Hex(734C5D) Hex(58403F) Hex(2B2729) Hex(6B002F) Hex(EB0067)

	Hex(583F4A)	Hex(734C5D)	Hex(58403F)	Hex(2B2729)	Hex(6B002F)	Hex(EB0067)
Hex(583F4A)		Ratio: 1.31 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(734C5D)	Ratio: 1.31 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(58403F)	Ratio: 1.00 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(2B2729)	Ratio: 1.56 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(6B002F)	Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(EB0067)	Ratio: 2.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.84 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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