

Converting Colors - WCAG Matrix

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

Hex(704153) Hex(914964) Hex(6B7041) Hex(383235) Hex(78002E) Hex(F7005E)

	Hex(704153)	Hex(914964)	Hex(6B7041)	Hex(383235)	Hex(78002E)	Hex(F7005E)
Hex(704153)		Ratio: 1.30 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(914964)	Ratio: 1.30 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(6B7041)	Ratio: 1.56 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(383235)	Ratio: 1.53 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(78002E)	Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F7005E)	Ratio: 1.99 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.78 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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