

Converting Colors - WCAG Matrix

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

Hex(786F6D) Hex(9C8D8A) Hex(78746D) Hex(3D3837) Hex(7D1300) Hex(FC2700)

	Hex(786F6D)	Hex(9C8D8A)	Hex(78746D)	Hex(3D3837)	Hex(7D1300)	Hex(FC2700)
Hex(786F6D)		Ratio: 1.54 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(9C8D8A)	Ratio: 1.54 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(78746D)	Ratio: 1.05 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(3D3837)	Ratio: 2.36 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(7D1300)	Ratio: 2.18 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(FC2700)	Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.76 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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