

Converting Colors - WCAG Matrix

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

Hex(6E6667) Hex(8F8385) Hex(6E6966) Hex(363031) Hex(750012) Hex(F50026)

	Hex(6E6667)	Hex(8F8385)	Hex(6E6966)	Hex(363031)	Hex(750012)	Hex(F50026)
Hex(6E6667)		Ratio: 1.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(8F8385)	Ratio: 1.53 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(6E6966)	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(363031)	Ratio: 2.31 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(750012)	Ratio: 2.13 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F50026)	Ratio: 1.31 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.02 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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