

Converting Colors - WCAG Matrix

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

Hex(736565) Hex(968080) Hex(736C65) Hex(3B3535) Hex(7A0000) Hex(FA0000)

	Hex(736565)	Hex(968080)	Hex(736C65)	Hex(3B3535)	Hex(7A0000)	Hex(FA0000)
Hex(736565)		Ratio: 1.51 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(968080)	Ratio: 1.51 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 1.12 Failed ⁵
Hex(736C65)	Ratio: 1.08 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(3B3535)	Ratio: 2.16 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.33 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(7A0000)	Ratio: 2.07 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(FA0000)	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.77 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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