

Converting Colors - WCAG Matrix

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

Hex(405470) Hex(7E8691) Hex(40705C) Hex(3E434A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(405470)	Hex(7E8691)	Hex(40705C)	Hex(3E434A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(405470)		Ratio: 2.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(7E8691)	Ratio: 2.10 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(40705C)	Ratio: 1.36 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(3E434A)	Ratio: 1.29 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(C9C9C9)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.15 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	

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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