

Converting Colors - WCAG Matrix

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

Hex(416653) Hex(76857D) Hex(546641) Hex(3A423E) Hex(C2C2C2) Hex(424242)

	Hex(416653)	Hex(76857D)	Hex(546641)	Hex(3A423E)	Hex(C2C2C2)	Hex(424242)
Hex(416653)		Ratio: 1.67 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(76857D)	Ratio: 1.67 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(546641)	Ratio: 1.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(3A423E)	Ratio: 1.60 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(C2C2C2)	Ratio: 3.63 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.56 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.64 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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