

Converting Colors - WCAG Matrix

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

Hex(586355) Hex(7D827C) Hex(636055) Hex(3F423E) Hex(C2C2C2) Hex(424242)

	Hex(586355)	Hex(7D827C)	Hex(636055)	Hex(3F423E)	Hex(C2C2C2)	Hex(424242)
Hex(586355)		Ratio: 1.61 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(7D827C)	Ratio: 1.61 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(636055)	Ratio: 1.00 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(3F423E)	Ratio: 1.62 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C2C2C2)	Ratio: 3.54 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.59 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.01 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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