

Converting Colors - WCAG Matrix

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

Hex(541F5B) Hex(735E75) Hex(1F265B) Hex(392D3B) Hex(BABABA) Hex(3B3B3B)

	Hex(541F5B)	Hex(735E75)	Hex(1F265B)	Hex(392D3B)	Hex(BABABA)	Hex(3B3B3B)
Hex(541F5B)		Ratio: 2.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(735E75)	Ratio: 2.08 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.91 Failed ⁵
Hex(1F265B)	Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 7.28 Passed ⁶	Ratio: 1.26 Failed ⁵
Hex(392D3B)	Ratio: 1.07 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(BABABA)	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 3.02 AA 18pt ²	Ratio: 7.28 Passed ⁶	Ratio: 6.71 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.09 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.77 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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