

Converting Colors - WCAG Matrix

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

Hex(593E42) Hex(756B6C) Hex(553E59) Hex(3B3435) Hex(BABABA) Hex(3B3B3B)

	Hex(593E42)	Hex(756B6C)	Hex(553E59)	Hex(3B3435)	Hex(BABABA)	Hex(3B3B3B)
Hex(593E42)		Ratio: 1.86 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(756B6C)	Ratio: 1.86 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(553E59)	Ratio: 1.01 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(3B3435)	Ratio: 1.27 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(BABABA)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.65 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.17 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 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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