

Converting Colors - WCAG Matrix

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

Hex(4A5958) Hex(6D7373) Hex(4B594A) Hex(373B3B) Hex(BABABA) Hex(3B3B3B)

	Hex(4A5958)	Hex(6D7373)	Hex(4B594A)	Hex(373B3B)	Hex(BABABA)	Hex(3B3B3B)
Hex(4A5958)		Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(6D7373)	Ratio: 1.52 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(4B594A)	Ratio: 1.01 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(373B3B)	Ratio: 1.55 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(BABABA)	Ratio: 3.78 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.53 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.01 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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