

Converting Colors - WCAG Matrix

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

Hex(3C5841) Hex(677369) Hex(53583C) Hex(343B35) Hex(BABABA) Hex(3B3B3B)

Hex(3C5841)		Ratio: 1.59 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(677369)	Ratio: 1.59 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(53583C)	Ratio: 1.06 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(343B35)	Ratio: 1.46 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BABABA)	Ratio: 4.06 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.42 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.03 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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