

Converting Colors - WCAG Matrix

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

Hex(535831) Hex(717364) Hex(583631) Hex(393B31) Hex(BABABA) Hex(3B3B3B)

	Hex(535831)	Hex(717364)	Hex(583631)	Hex(393B31)	Hex(BABABA)	Hex(3B3B3B)
Hex(535831)		Ratio: 1.55 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(717364)	Ratio: 1.55 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(583631)	Ratio: 1.41 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(393B31)	Ratio: 1.52 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BABABA)	Ratio: 3.85 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.50 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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