

Converting Colors - WCAG Matrix

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

Hex(58402B) Hex(736A62) Hex(582B43) Hex(3B3530) Hex(BABABA) Hex(3B3B3B)

	Hex(58402B)	Hex(736A62)	Hex(582B43)	Hex(3B3530)	Hex(BABABA)	Hex(3B3B3B)
Hex(58402B)		Ratio: 1.82 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(736A62)	Ratio: 1.82 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(582B43)	Ratio: 1.19 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(3B3530)	Ratio: 1.26 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(BABABA)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.16 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.02 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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