

Converting Colors - WCAG Matrix

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

Hex(0B5B4C) Hex(577570) Hex(1B5B0B) Hex(283B37) Hex(BABABA) Hex(3B3B3B)

	Hex(0B5B4C)	Hex(577570)	Hex(1B5B0B)	Hex(283B37)	Hex(BABABA)	Hex(3B3B3B)
Hex(0B5B4C)		Ratio: 1.60 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(577570)	Ratio: 1.60 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(1B5B0B)	Ratio: 1.03 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(283B37)	Ratio: 1.48 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(BABABA)	Ratio: 4.14 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 6.11 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.39 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.06 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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