

Converting Colors - WCAG Matrix

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

Hex(00335B) Hex(526675) Hex(005B27) Hex(26313B) Hex(BABABA) Hex(3B3B3B)

	Hex(00335B)	Hex(526675)	Hex(005B27)	Hex(26313B)	Hex(BABABA)	Hex(3B3B3B)
Hex(00335B)		Ratio: 2.16 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(526675)	Ratio: 2.16 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.88 Failed ⁵
Hex(005B27)	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(26313B)	Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(BABABA)	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 3.08 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 6.83 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.15 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 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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