

Converting Colors - WCAG Matrix

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

Hex(03365B) Hex(536775) Hex(035B28) Hex(26323B) Hex(BABABA) Hex(3B3B3B)

	Hex(03365B)	Hex(536775)	Hex(035B28)	Hex(26323B)	Hex(BABABA)	Hex(3B3B3B)
Hex(03365B)		Ratio: 2.12 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(536775)	Ratio: 2.12 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.90 Failed ⁵
Hex(035B28)	Ratio: 1.50 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(26323B)	Ratio: 1.05 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(BABABA)	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 6.76 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.11 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 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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