

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0B334F) Hex(4B5B66) Hex(0B4F27) Hex(232C33) Hex(B3B3B3) Hex(333333)

Hex(0B334F)		Ratio: 1.87 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 6.26 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(4B5B66)	Ratio: 1.87 Failed⁵		Ratio: 1.38 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 3.35 AA 18pt²	Ratio: 1.80 Failed⁵
Hex(0B4F27)	Ratio: 1.35 Failed⁵	Ratio: 1.38 Failed⁵		Ratio: 1.46 Failed⁵	Ratio: 4.63 AA¹ AAA 18pt⁴	Ratio: 1.30 Failed⁵
Hex(232C33)	Ratio: 1.08 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 1.46 Failed⁵		Ratio: 6.77 AA¹ AAA 18pt⁴	Ratio: 1.12 Failed⁵
Hex(B3B3B3)	Ratio: 6.26 AA¹ AAA 18pt⁴	Ratio: 3.35 AA 18pt²	Ratio: 4.63 AA¹ AAA 18pt⁴	Ratio: 6.77 AA¹ AAA 18pt⁴		Ratio: 6.03 AA¹ AAA 18pt⁴
Hex(333333)	Ratio: 1.04 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.12 Failed⁵	Ratio: 6.03 AA¹ AAA 18pt⁴	

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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