

Converting Colors - WCAG Matrix

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

Hex(014453) Hex(4B656B) Hex(01530F) Hex(223236) Hex(B5B5B5) Hex(363636)

	Hex(014453)	Hex(4B656B)	Hex(01530F)	Hex(223236)	Hex(B5B5B5)	Hex(363636)
Hex(014453)		Ratio: 1.73 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(4B656B)	Ratio: 1.73 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.94 Failed ⁵
Hex(01530F)	Ratio: 1.15 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(223236)	Ratio: 1.24 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(B5B5B5)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.04 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.12 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.89 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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