

Converting Colors - WCAG Matrix

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

Hex(306361) Hex(6C807F) Hex(336330) Hex(34403F) Hex(BFBFBF) Hex(404040)

Hex(306361)		Ratio: 1.63 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(6C807F)	Ratio: 1.63 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(336330)	Ratio: 1.04 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(34403F)	Ratio: 1.58 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BFBFBF)	Ratio: 3.70 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.85 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.52 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.64 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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