

Converting Colors - WCAG Matrix

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

Hex(39604E) Hex(6E7D76) Hex(4B6039) Hex(37403C) Hex(BFBFBF) Hex(404040)

	Hex(39604E)	Hex(6E7D76)	Hex(4B6039)	Hex(37403C)	Hex(BFBFBF)	Hex(404040)
Hex(39604E)		Ratio: 1.64 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(6E7D76)	Ratio: 1.64 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(4B6039)	Ratio: 1.03 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(37403C)	Ratio: 1.51 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BFBFBF)	Ratio: 3.86 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.46 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.03 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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