

Converting Colors - WCAG Matrix

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

Hex(00573D) Hex(4F7066) Hex(1B5700) Hex(243832) Hex(B8B8B8) Hex(383838)

	Hex(00573D)	Hex(4F7066)	Hex(1B5700)	Hex(243832)	Hex(B8B8B8)	Hex(383838)
Hex(00573D)		Ratio: 1.58 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(4F7066)	Ratio: 1.58 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(1B5700)	Ratio: 1.01 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(243832)	Ratio: 1.44 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B8B8B8)	Ratio: 4.36 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 6.28 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.36 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.91 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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