

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(BC474B) Hex(F53D43) Hex(4787BC) Hex(5E5555) Hex(9E0005) Hex(1F0001)

Hex(BC474B)		Ratio: 1.36 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(F53D43)	Ratio: 1.36 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(4787BC)	Ratio: 1.32 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(5E5555)	Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(9E0005)	Ratio: 1.69 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(1F0001)	Ratio: 3.91 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵	Ratio: 2.32 Failed ⁵	

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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