

Converting Colors - WCAG Matrix

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

Hex(1F5538) Hex(596E63) Hex(3B551F) Hex(2B3831) Hex(B8B8B8) Hex(383838)

	Hex(1F5538)	Hex(596E63)	Hex(3B551F)	Hex(2B3831)	Hex(B8B8B8)	Hex(383838)
Hex(1F5538)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(596E63)	Ratio: 1.59 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(3B551F)	Ratio: 1.04 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(2B3831)	Ratio: 1.41 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B8B8B8)	Ratio: 4.38 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.35 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.05 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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