

Converting Colors - WCAG Matrix

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

Hex(4A5457) Hex(6B6F70) Hex(4A574D) Hex(353738) Hex(B8B8B8) Hex(383838)

	Hex(4A5457)	Hex(6B6F70)	Hex(4A574D)	Hex(353738)	Hex(B8B8B8)	Hex(383838)
Hex(4A5457)		Ratio: 1.53 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(6B6F70)	Ratio: 1.53 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(4A574D)	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(353738)	Ratio: 1.54 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B8B8B8)	Ratio: 3.93 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.51 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.02 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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