

Converting Colors - WCAG Matrix

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

Hex(36570B) Hex(647053) Hex(572C0B) Hex(313827) Hex(B8B8B8) Hex(383838)

	Hex(36570B)	Hex(647053)	Hex(572C0B)	Hex(313827)	Hex(B8B8B8)	Hex(383838)
Hex(36570B)		Ratio: 1.58 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(647053)	Ratio: 1.58 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(572C0B)	Ratio: 1.43 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(313827)	Ratio: 1.46 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(B8B8B8)	Ratio: 4.19 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 6.13 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.41 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 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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