

Converting Colors - WCAG Matrix

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

Hex(355054) Hex(626C6E) Hex(355438) Hex(313738) Hex(B8B8B8) Hex(383838)

	Hex(355054)	Hex(626C6E)	Hex(355438)	Hex(313738)	Hex(B8B8B8)	Hex(383838)
Hex(355054)		Ratio: 1.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(626C6E)	Ratio: 1.60 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(355438)	Ratio: 1.02 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(313738)	Ratio: 1.40 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B8B8B8)	Ratio: 4.36 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 6.10 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.35 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.03 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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