

Converting Colors - WCAG Matrix

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

Hex(4A5337) Hex(686B60) Hex(534037) Hex(33362F) Hex(B5B5B5) Hex(363636)

	Hex(4A5337)	Hex(686B60)	Hex(534037)	Hex(33362F)	Hex(B5B5B5)	Hex(363636)
Hex(4A5337)		Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(686B60)	Ratio: 1.49 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(534037)	Ratio: 1.20 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(33362F)	Ratio: 1.51 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B5B5B5)	Ratio: 3.96 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 5.99 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.49 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.89 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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