

Converting Colors - WCAG Matrix

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

Hex(3B3535) Hex(4D4A4A) Hex(3B353B) Hex(262525) Hex(A6A6A6) Hex(262626)

	Hex(3B3535)	Hex(4D4A4A)	Hex(3B353B)	Hex(262525)	Hex(A6A6A6)	Hex(262626)
Hex(3B3535)		Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(4D4A4A)	Ratio: 1.37 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(3B353B)	Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(262525)	Ratio: 1.27 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A6A6A6)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 6.28 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.22 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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