

Converting Colors - WCAG Matrix

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

Hex(4D3930) Hex(635C59) Hex(4D3044) Hex(332E2C) Hex(B3B3B3) Hex(333333)

	Hex(4D3930)	Hex(635C59)	Hex(4D3044)	Hex(332E2C)	Hex(B3B3B3)	Hex(333333)
Hex(4D3930)		Ratio: 1.65 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(635C59)	Ratio: 1.65 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.93 Failed ⁵
Hex(4D3044)	Ratio: 1.07 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(332E2C)	Ratio: 1.24 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B3B3B3)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.12 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.17 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.03 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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