

Converting Colors - WCAG Matrix

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

Hex(A39100) Hex(D4CC94) Hex(A30013) Hex(6B6745) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A39100)	Hex(D4CC94)	Hex(A30013)	Hex(6B6745)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A39100)		Ratio: 1.95 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(D4CC94)	Ratio: 1.95 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(A30013)	Ratio: 2.57 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵
Hex(6B6745)	Ratio: 1.81 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(EBEBEB)	Ratio: 2.67 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 4.82 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.68 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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