

Converting Colors - WCAG Matrix

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

Hex(A32809) Hex(D4A498) Hex(A30984) Hex(6B4E47) Hex(EBEBEB) Hex(6B6B6B)

Hex(A32809)		Ratio: 3.34 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵
Hex(D4A498)	Ratio: 3.34 AA 18pt ²		Ratio: 3.26 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(A30984)	Ratio: 1.02 Failed ⁵	Ratio: 3.26 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(6B4E47)	Ratio: 1.02 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵
Hex(EBEBEB)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.84 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 6.28 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.38 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 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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