

Converting Colors - WCAG Matrix

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

Hex(32705A) Hex(799188) Hex(497032) Hex(3B4A45) Hex(C9C9C9) Hex(4A4A4A)

	Hex(32705A)	Hex(799188)	Hex(497032)	Hex(3B4A45)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(32705A)		Ratio: 1.73 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(799188)	Ratio: 1.73 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(497032)	Ratio: 1.01 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(3B4A45)	Ratio: 1.60 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C9C9C9)	Ratio: 3.52 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.52 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.35 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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