

Converting Colors - WCAG Matrix

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

Hex(799C48) Hex(BECCAB) Hex(9C6B48) Hex(5E6653) Hex(E6E6E6) Hex(666666)

	Hex(799C48)	Hex(BECCAB)	Hex(9C6B48)	Hex(5E6653)	Hex(E6E6E6)	Hex(666666)
Hex(799C48)		Ratio: 1.86 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(BECCAB)	Ratio: 1.86 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(9C6B48)	Ratio: 1.45 Failed ⁵	Ratio: 2.69 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(5E6653)	Ratio: 1.90 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.32 Failed ⁵		Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E6E6E6)	Ratio: 2.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.82 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.60 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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