

Converting Colors - WCAG Matrix

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

Hex(72A072) Hex(BED1BE) Hex(A0A072) Hex(5D695D) Hex(E8E8E8) Hex(696969)

	Hex(72A072)	Hex(BED1BE)	Hex(A0A072)	Hex(5D695D)	Hex(E8E8E8)	Hex(696969)
Hex(72A072)		Ratio: 1.87 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(BED1BE)	Ratio: 1.87 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(A0A072)	Ratio: 1.11 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(5D695D)	Ratio: 1.92 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(E8E8E8)	Ratio: 2.45 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.83 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.48 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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