

Converting Colors - WCAG Matrix

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

Hex(E2B6B6) Hex(FFC4C4) Hex(E2CCB6) Hex(706565) Hex(B00000) Hex(300000)

	Hex(E2B6B6)	Hex(FFC4C4)	Hex(E2CCB6)	Hex(706565)	Hex(B00000)	Hex(300000)
Hex(E2B6B6)		Ratio: 1.20 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 10.31 Passed ⁶
Hex(FFC4C4)	Ratio: 1.20 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 12.39 Passed ⁶
Hex(E2CCB6)	Ratio: 1.17 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 12.03 Passed ⁶
Hex(706565)	Ratio: 3.10 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.62 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B00000)	Ratio: 4.08 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(300000)	Ratio: 10.31 Passed ⁶	Ratio: 12.39 Passed ⁶	Ratio: 12.03 Passed ⁶	Ratio: 3.32 AA 18pt ²	Ratio: 2.53 Failed ⁵	

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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