

Converting Colors - WCAG Matrix

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

Hex(DE9B9B) Hex(FFA3A3) Hex(DEBD9B) Hex(706565) Hex(B00000) Hex(300000)

	Hex(DE9B9B)	Hex(FFA3A3)	Hex(DEBD9B)	Hex(706565)	Hex(B00000)	Hex(300000)
Hex(DE9B9B)		Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 8.23 Passed ⁶
Hex(FFA3A3)	Ratio: 1.19 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 9.79 Passed ⁶
Hex(DEBD9B)	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 10.54 Passed ⁶
Hex(706565)	Ratio: 2.48 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B00000)	Ratio: 3.26 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(300000)	Ratio: 8.23 Passed ⁶	Ratio: 9.79 Passed ⁶	Ratio: 10.54 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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