

Converting Colors - WCAG Matrix

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

Hex(E29A9A) Hex(FFE6E6) Hex(E29AE2) Hex(807070) Hex(000000) Hex(808080)

	Hex(E29A9A)	Hex(FFE6E6)	Hex(E29AE2)	Hex(807070)	Hex(000000)	Hex(808080)
Hex(E29A9A)		Ratio: 1.90 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 9.32 Passed ⁶	Ratio: 1.75 Failed ⁵
Hex(FFE6E6)	Ratio: 1.90 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 17.71 Passed ⁶	Ratio: 3.33 AA 18pt ²
Hex(E29AE2)	Ratio: 1.07 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 9.95 Passed ⁶	Ratio: 1.87 Failed ⁵
Hex(807070)	Ratio: 2.09 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 9.32 Passed ⁶	Ratio: 17.71 Passed ⁶	Ratio: 9.95 Passed ⁶	Ratio: 4.47 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.75 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.32 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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