

Converting Colors - WCAG Matrix

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

Hex(E8A492) Hex(FFE9E3) Hex(E892D7) Hex(80736F) Hex(000000) Hex(808080)

	Hex(E8A492)	Hex(FFE9E3)	Hex(E892D7)	Hex(80736F)	Hex(000000)	Hex(808080)
Hex(E8A492)		Ratio: 1.77 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 10.16 Passed ⁶	Ratio: 1.91 Failed ⁵
Hex(FFE9E3)	Ratio: 1.77 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 18.02 Passed ⁶	Ratio: 3.39 AA 18pt ²
Hex(E892D7)	Ratio: 1.07 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 9.52 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(80736F)	Ratio: 2.21 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 10.16 Passed ⁶	Ratio: 18.02 Passed ⁶	Ratio: 9.52 Passed ⁶	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.91 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.16 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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