

Converting Colors - WCAG Matrix

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

Hex(E3AB8F) Hex(FFECE3) Hex(E38FC7) Hex(80746F) Hex(000000) Hex(808080)

	Hex(E3AB8F)	Hex(FFECE3)	Hex(E38FC7)	Hex(80746F)	Hex(000000)	Hex(808080)
Hex(E3AB8F)		Ratio: 1.75 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 10.49 Passed ⁶	Ratio: 1.97 Failed ⁵
Hex(FFECE3)	Ratio: 1.75 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.36 Passed ⁶	Ratio: 3.45 AA 18pt ²
Hex(E38FC7)	Ratio: 1.16 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 9.02 Passed ⁶	Ratio: 1.70 Failed ⁵
Hex(80746F)	Ratio: 2.26 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 10.49 Passed ⁶	Ratio: 18.36 Passed ⁶	Ratio: 9.02 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.97 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 1.14 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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