

Converting Colors - WCAG Matrix

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

Hex(E8BE6D) Hex(FFF1D6) Hex(E86D98) Hex(807767) Hex(000000) Hex(808080)

	Hex(E8BE6D)	Hex(FFF1D6)	Hex(E86D98)	Hex(807767)	Hex(000000)	Hex(808080)
Hex(E8BE6D)		Ratio: 1.56 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 12.02 Passed ⁶	Ratio: 2.26 Failed ⁵
Hex(FFF1D6)	Ratio: 1.56 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.81 Passed ⁶	Ratio: 3.54 AA 18pt ²
Hex(E86D98)	Ratio: 1.70 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 7.07 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(807767)	Ratio: 2.53 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.49 Failed ⁵		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 12.02 Passed ⁶	Ratio: 18.81 Passed ⁶	Ratio: 7.07 Passed ⁶	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.26 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 1.12 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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