

Converting Colors - WCAG Matrix

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

Hex(EB8984) Hex(FFDFDE) Hex(EB84E8) Hex(806C6B) Hex(000000) Hex(808080)

	Hex(EB8984)	Hex(FFDFDE)	Hex(EB84E8)	Hex(806C6B)	Hex(000000)	Hex(808080)
Hex(EB8984)		Ratio: 2.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 8.44 Passed ⁶	Ratio: 1.59 Failed ⁵
Hex(FFDFDE)	Ratio: 2.00 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 16.86 Passed ⁶	Ratio: 3.17 AA 18pt ²
Hex(EB84E8)	Ratio: 1.07 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 9.00 Passed ⁶	Ratio: 1.69 Failed ⁵
Hex(806C6B)	Ratio: 1.98 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 8.44 Passed ⁶	Ratio: 16.86 Passed ⁶	Ratio: 9.00 Passed ⁶	Ratio: 4.28 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.59 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.24 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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