

Converting Colors - WCAG Matrix

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

Hex(E0BEA2) Hex(FFF4EB) Hex(E0A2C4) Hex(807873) Hex(000000) Hex(808080)

	Hex(E0BEA2)	Hex(FFF4EB)	Hex(E0A2C4)	Hex(807873)	Hex(000000)	Hex(808080)
Hex(E0BEA2)		Ratio: 1.61 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 12.06 Passed ⁶	Ratio: 2.27 Failed ⁵
Hex(FFF4EB)	Ratio: 1.61 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 19.39 Passed ⁶	Ratio: 3.65 AA 18pt ²
Hex(E0A2C4)	Ratio: 1.19 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 10.13 Passed ⁶	Ratio: 1.91 Failed ⁵
Hex(807873)	Ratio: 2.48 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 12.06 Passed ⁶	Ratio: 19.39 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.27 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.10 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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