

Converting Colors - WCAG Matrix

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

Hex(89F38F) Hex(DEFBE0) Hex(EEF389) Hex(6B806C) Hex(000000) Hex(808080)

	Hex(89F38F)	Hex(DEFBE0)	Hex(EEF389)	Hex(6B806C)	Hex(000000)	Hex(808080)
Hex(89F38F)		Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 15.28 Passed ⁶	Ratio: 2.87 Failed ⁵
Hex(DEFBE0)	Ratio: 1.28 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.49 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(EEF389)	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 17.82 Passed ⁶	Ratio: 3.35 AA 18pt ²
Hex(6B806C)	Ratio: 3.10 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.61 AA 18pt ²		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 15.28 Passed ⁶	Ratio: 19.49 Passed ⁶	Ratio: 17.82 Passed ⁶	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.87 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.08 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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