

Converting Colors - WCAG Matrix

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

Hex(E9D316) Hex(FFF8BA) Hex(E9162F) Hex(807B57) Hex(000000) Hex(808080)

	Hex(E9D316)	Hex(FFF8BA)	Hex(E9162F)	Hex(807B57)	Hex(000000)	Hex(808080)
Hex(E9D316)		Ratio: 1.41 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 13.79 Passed ⁶	Ratio: 2.59 Failed ⁵
Hex(FFF8BA)	Ratio: 1.41 Failed ⁵		Ratio: 4.20 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 19.39 Passed ⁶	Ratio: 3.65 AA 18pt ²
Hex(E9162F)	Ratio: 2.99 Failed ⁵	Ratio: 4.20 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(807B57)	Ratio: 2.82 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 13.79 Passed ⁶	Ratio: 19.39 Passed ⁶	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.09 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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