

Converting Colors - WCAG Matrix

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

Hex(9DE0AB) Hex(E8FFED) Hex(D3E09D) Hex(718074) Hex(000000) Hex(808080)

	Hex(9DE0AB)	Hex(E8FFED)	Hex(D3E09D)	Hex(718074)	Hex(000000)	Hex(808080)
Hex(9DE0AB)		Ratio: 1.46 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 13.68 Passed ⁶	Ratio: 2.57 Failed ⁵
Hex(E8FFED)	Ratio: 1.46 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.96 Passed ⁶	Ratio: 3.75 AA 18pt ²
Hex(D3E09D)	Ratio: 1.09 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 14.92 Passed ⁶	Ratio: 2.81 Failed ⁵
Hex(718074)	Ratio: 2.71 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.96 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 13.68 Passed ⁶	Ratio: 19.96 Passed ⁶	Ratio: 14.92 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.57 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.05 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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