

Converting Colors - WCAG Matrix

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

Hex(94ED1B) Hex(E2FFBA) Hex(ED721B) Hex(6E8057) Hex(000000) Hex(808080)

	Hex(94ED1B)	Hex(E2FFBA)	Hex(ED721B)	Hex(6E8057)	Hex(000000)	Hex(808080)
Hex(94ED1B)		Ratio: 1.34 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 14.39 Passed ⁶	Ratio: 2.71 Failed ⁵
Hex(E2FFBA)	Ratio: 1.34 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.25 Passed ⁶	Ratio: 3.62 AA 18pt ²
Hex(ED721B)	Ratio: 2.05 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 7.02 Passed ⁶	Ratio: 1.32 Failed ⁵
Hex(6E8057)	Ratio: 2.94 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 14.39 Passed ⁶	Ratio: 19.25 Passed ⁶	Ratio: 7.02 Passed ⁶	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.71 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.32 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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