

Converting Colors - WCAG Matrix

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

Hex(E1E5E3) Hex(FAFFFC) Hex(E1E5E5) Hex(707372) Hex(00B359) Hex(003319)

	Hex(E1E5E3)	Hex(FAFFFC)	Hex(E1E5E5)	Hex(707372)	Hex(00B359)	Hex(003319)
Hex(E1E5E3)		Ratio: 1.26 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 11.10 Passed ⁶
Hex(FAFFFC)	Ratio: 1.26 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.74 Failed ⁵	Ratio: 13.97 Passed ⁶
Hex(E1E5E5)	Ratio: 1.00 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 11.12 Passed ⁶
Hex(707372)	Ratio: 3.77 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²		Ratio: 1.73 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(00B359)	Ratio: 2.18 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(003319)	Ratio: 11.10 Passed ⁶	Ratio: 13.97 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 5.10 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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