

Converting Colors - WCAG Matrix

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

Hex(E7F3E0) Hex(F1FFE8) Hex(E0F3E2) Hex(737A6E) Hex(45BA00) Hex(163B00)

	Hex(E7F3E0)	Hex(F1FFE8)	Hex(E0F3E2)	Hex(737A6E)	Hex(45BA00)	Hex(163B00)
Hex(E7F3E0)		Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 11.02 Passed ⁶
Hex(F1FFE8)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 12.18 Passed ⁶
Hex(E0F3E2)	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 10.90 Passed ⁶
Hex(737A6E)	Ratio: 3.86 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 3.82 AA 18pt ²		Ratio: 1.75 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(45BA00)	Ratio: 2.21 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(163B00)	Ratio: 11.02 Passed ⁶	Ratio: 12.18 Passed ⁶	Ratio: 10.90 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 4.99 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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