

Converting Colors - WCAG Matrix

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

Hex(E3E8E6) Hex(FAFFFC) Hex(E3E8E8) Hex(737574) Hex(00B55B) Hex(00361B)

	Hex(E3E8E6)	Hex(FAFFFC)	Hex(E3E8E8)	Hex(737574)	Hex(00B55B)	Hex(00361B)
Hex(E3E8E6)		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 10.98 Passed ⁶
Hex(FAFFFC)	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 13.46 Passed ⁶
Hex(E3E8E8)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.75 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 11.00 Passed ⁶
Hex(737574)	Ratio: 3.75 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(00B55B)	Ratio: 2.18 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(00361B)	Ratio: 10.98 Passed ⁶	Ratio: 13.46 Passed ⁶	Ratio: 11.00 Passed ⁶	Ratio: 2.93 Failed ⁵	Ratio: 5.03 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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