

Converting Colors - WCAG Matrix

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

Hex(E8E8E8) **Hex(FFFFFF)** **Hex(757575)** **Hex(00B567)** **Hex(00361E)**

Hex(E8E8E8)		Ratio: 1.23 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 11.08 Passed ⁶
Hex(FFFFFF)	Ratio: 1.23 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 2.69 Failed ⁵	Ratio: 13.58 Passed ⁶
Hex(757575)	Ratio: 3.76 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 1.71 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(00B567)	Ratio: 2.20 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 5.05 AA ¹ AAA 18pt ⁴
Hex(00361E)	Ratio: 11.08 Passed ⁶	Ratio: 13.58 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 5.05 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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