

Converting Colors - WCAG Matrix

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

Hex(EBEBEB) Hex(FFFFFF) Hex(757575) Hex(B500A9) Hex(360032)

Hex(EBEBEB)		Ratio: 1.19 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 14.64 Passed ⁶
Hex(FFFFFF)	Ratio: 1.19 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 17.46 Passed ⁶
Hex(757575)	Ratio: 3.86 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 1.29 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(B500A9)	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(360032)	Ratio: 14.64 Passed ⁶	Ratio: 17.46 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 2.94 Failed ⁵	

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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