

Converting Colors - WCAG Matrix

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

Hex(ABABAC) Hex(E0E0E0) Hex(575757) Hex(000096) Hex(000017)

Hex(ABABAC)		Ratio: 1.74 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 9.04 Passed ⁶
Hex(E0E0E0)	Ratio: 1.74 Failed ⁵		Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 11.04 Passed ⁶	Ratio: 15.71 Passed ⁶
Hex(575757)	Ratio: 3.15 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴		Ratio: 2.02 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(000096)	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 11.04 Passed ⁶	Ratio: 2.02 Failed ⁵		Ratio: 1.42 Failed ⁵
Hex(000017)	Ratio: 9.04 Passed ⁶	Ratio: 15.71 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 1.42 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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