

Converting Colors - WCAG Matrix

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

Hex(EB005B) Hex(FF0063) Hex(EB1700) Hex(756A6E) Hex(B50046) Hex(360015)

	Hex(EB005B)	Hex(FF0063)	Hex(EB1700)	Hex(756A6E)	Hex(B50046)	Hex(360015)
Hex(EB005B)		Ratio: 1.16 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(FF0063)	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(EB1700)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(756A6E)	Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B50046)	Ratio: 1.53 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(360015)	Ratio: 4.01 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.99 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 2.61 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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