

Converting Colors - WCAG Matrix

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

Hex(B43FA7) Hex(EB34D6) Hex(3FB485) Hex(595058) Hex(990088) Hex(1A0017)

	Hex(B43FA7)	Hex(EB34D6)	Hex(3FB485)	Hex(595058)	Hex(990088)	Hex(1A0017)
Hex(B43FA7)		Ratio: 1.42 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(EB34D6)	Ratio: 1.42 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(3FB485)	Ratio: 1.92 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 7.65 Passed ⁶
Hex(595058)	Ratio: 1.55 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(990088)	Ratio: 1.55 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(1A0017)	Ratio: 3.99 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.65 Passed ⁶	Ratio: 2.57 Failed ⁵	Ratio: 2.57 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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