

Converting Colors - WCAG Matrix

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

Hex(EB3D7F) Hex(FF1C73) Hex(3DEB51) Hex(756A6E) Hex(B50045) Hex(360014)

	Hex(EB3D7F)	Hex(FF1C73)	Hex(3DEB51)	Hex(756A6E)	Hex(B50045)	Hex(360014)
Hex(EB3D7F)		Ratio: 1.03 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(FF1C73)	Ratio: 1.03 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(3DEB51)	Ratio: 2.40 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 3.26 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 11.31 Passed ⁶
Hex(756A6E)	Ratio: 1.36 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.26 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B50045)	Ratio: 1.81 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(360014)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 11.31 Passed ⁶	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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