

Converting Colors - WCAG Matrix

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

Hex(BF507F) Hex(FA4B94) Hex(BF5A50) Hex(61575B) Hex(A10043) Hex(21000E)

	Hex(BF507F)	Hex(FA4B94)	Hex(BF5A50)	Hex(61575B)	Hex(A10043)	Hex(21000E)
Hex(BF507F)		Ratio: 1.39 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(FA4B94)	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(BF5A50)	Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.48 AA 18pt ²
Hex(61575B)	Ratio: 1.54 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10043)	Ratio: 1.80 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(21000E)	Ratio: 4.36 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 4.48 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.42 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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