

Converting Colors - WCAG Matrix

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

	Hex(FFABAC)	Hex(FF9293)	Hex(FF787A)	Hex(FF5F60)	Hex(FF4547)	Hex(FF2C2E)	Hex(FF1215)	Hex(FF0003)
Hex(FFABAC)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(FF9293)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(FF787A)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FF5F60)	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(FF4547)	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FF2C2E)	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FF1215)	Ratio: 2.18 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FF0003)	Ratio: 2.22 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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