

Converting Colors - WCAG Matrix

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

Hex(FF9496) Hex(FF8082) Hex(FFC694) Hex(807373) Hex(BF0004) Hex(400001)

	Hex(FF9496)	Hex(FF8082)	Hex(FFC694)	Hex(807373)	Hex(BF0004)	Hex(400001)
Hex(FF9496)		Ratio: 1.15 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 8.15 Passed ⁶
Hex(FF8082)	Ratio: 1.15 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 7.11 Passed ⁶
Hex(FFC694)	Ratio: 1.39 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 11.29 Passed ⁶
Hex(807373)	Ratio: 2.15 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0004)	Ratio: 3.09 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400001)	Ratio: 8.15 Passed ⁶	Ratio: 7.11 Passed ⁶	Ratio: 11.29 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 2.64 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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