

Converting Colors - WCAG Matrix

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

Hex(F3F0F2) Hex(FFFCFE) Hex(F3F0F0) Hex(7A797A) Hex(BA006C) Hex(3B0022)

	Hex(F3F0F2)	Hex(FFFCFE)	Hex(F3F0F0)	Hex(7A797A)	Hex(BA006C)	Hex(3B0022)
Hex(F3F0F2)		Ratio: 1.11 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 3.83 AA 18pt²	Ratio: 5.62 AA¹ AAA 18pt⁴	Ratio: 15.35 Passed⁶
Hex(FFFCFE)	Ratio: 1.11 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 4.25 AA 18pt²	Ratio: 6.24 AA¹ AAA 18pt⁴	Ratio: 17.04 Passed⁶
Hex(F3F0F0)	Ratio: 1.00 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 3.83 AA 18pt²	Ratio: 5.61 AA¹ AAA 18pt⁴	Ratio: 15.33 Passed⁶
Hex(7A797A)	Ratio: 3.83 AA 18pt²	Ratio: 4.25 AA 18pt²	Ratio: 3.83 AA 18pt²		Ratio: 1.47 Failed⁵	Ratio: 4.01 AA 18pt²
Hex(BA006C)	Ratio: 5.62 AA¹ AAA 18pt⁴	Ratio: 6.24 AA¹ AAA 18pt⁴	Ratio: 5.61 AA¹ AAA 18pt⁴	Ratio: 1.47 Failed⁵		Ratio: 2.73 Failed⁵
Hex(3B0022)	Ratio: 15.35 Passed⁶	Ratio: 17.04 Passed⁶	Ratio: 15.33 Passed⁶	Ratio: 4.01 AA 18pt²	Ratio: 2.73 Failed⁵	

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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