

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FE617A) Hex(FF4260) Hex(CAFE61) Hex(807375) Hex(BF001E) Hex(40000A)

Hex(FE617A)		Ratio: 1.16 Failed⁵	Ratio: 2.48 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 2.23 Failed⁵
	Ratio: 1.16 Failed⁵		Ratio: 2.88 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.92 Failed⁵
Hex(FF4260)					Ratio: 5.89 AA¹ AAA 18pt⁴
	Ratio: 1.16 Failed⁵		Ratio: 2.88 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.92 Failed⁵
Hex(CAFE61)	Ratio: 2.48 Failed⁵	Ratio: 2.88 Failed⁵		Ratio: 3.86 AA 18pt²	Ratio: 5.52 AA¹ AAA 18pt⁴
	Ratio: 2.48 Failed⁵	Ratio: 2.88 Failed⁵		Ratio: 3.86 AA 18pt²	Ratio: 14.61 Passed⁶
Hex(807375)	Ratio: 1.56 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 3.86 AA 18pt²		Ratio: 1.43 Failed⁵
	Ratio: 1.56 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 3.86 AA 18pt²		Ratio: 3.79 AA 18pt²
Hex(BF001E)	Ratio: 2.23 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 5.52 AA¹ AAA 18pt⁴	Ratio: 1.43 Failed⁵	
	Ratio: 2.23 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 5.52 AA¹ AAA 18pt⁴	Ratio: 1.43 Failed⁵	Ratio: 2.65 Failed⁵
Hex(40000A)	Ratio: 5.89 AA¹ AAA 18pt⁴	Ratio: 5.07 AA¹ AAA 18pt⁴	Ratio: 14.61 Passed⁶	Ratio: 3.79 AA 18pt²	Ratio: 2.65 Failed⁵
	Ratio: 5.89 AA¹ AAA 18pt⁴	Ratio: 5.07 AA¹ AAA 18pt⁴	Ratio: 14.61 Passed⁶	Ratio: 3.79 AA 18pt²	Ratio: 2.65 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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