

Converting Colors - WCAG Matrix

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

Hex(F27499) Hex(FF618F) Hex(74D9F2) Hex(7A6E72) Hex(BA0036) Hex(3B0011)

	Hex(F27499)	Hex(FF618F)	Hex(74D9F2)	Hex(7A6E72)	Hex(BA0036)	Hex(3B0011)
Hex(F27499)		Ratio: 1.05 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴
Hex(FF618F)	Ratio: 1.05 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(74D9F2)	Ratio: 1.67 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 10.85 Passed ⁶
Hex(7A6E72)	Ratio: 1.80 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.01 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0036)	Ratio: 2.46 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(3B0011)	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 10.85 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.63 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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