

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FF50DE) Hex(FF2ED7) Hex(FF5088) Hex(80737D) Hex(BF009B) Hex(400034)

Hex(FF50DE)		Ratio: 1.13 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.60 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 5.88 AA¹ AAA 18pt⁴
Hex(FF2ED7)	Ratio: 1.13 Failed⁵		Ratio: 1.02 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 5.23 AA¹ AAA 18pt⁴
Hex(FF5088)	Ratio: 1.10 Failed⁵	Ratio: 1.02 Failed⁵		Ratio: 1.45 Failed⁵	Ratio: 1.83 Failed⁵	Ratio: 5.33 AA¹ AAA 18pt⁴
Hex(80737D)	Ratio: 1.60 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.45 Failed⁵		Ratio: 1.27 Failed⁵	Ratio: 3.68 AA 18pt²
Hex(BF009B)	Ratio: 2.02 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.83 Failed⁵	Ratio: 1.27 Failed⁵		Ratio: 2.91 Failed⁵
Hex(400034)	Ratio: 5.88 AA¹ AAA 18pt⁴	Ratio: 5.23 AA¹ AAA 18pt⁴	Ratio: 5.33 AA¹ AAA 18pt⁴	Ratio: 3.68 AA 18pt²	Ratio: 2.91 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.

This PDF was generated on convertingcolors.com.