

Converting Colors - WCAG Matrix

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

Hex(FFE6F5) Hex(FFE0F3) Hex(FFE6E9) Hex(80737A) Hex(BF0073) Hex(400026)

	Hex(FFE6F5)	Hex(FFE0F3)	Hex(FFE6E9)	Hex(80737A)	Hex(BF0073)	Hex(400026)
Hex(FFE6F5)		Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 14.36 Passed ⁶
Hex(FFE0F3)	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 13.81 Passed ⁶
Hex(FFE6E9)	Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.82 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 14.24 Passed ⁶
Hex(80737A)	Ratio: 3.85 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 3.82 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0073)	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(400026)	Ratio: 14.36 Passed ⁶	Ratio: 13.81 Passed ⁶	Ratio: 14.24 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.78 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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