

Converting Colors - WCAG Matrix

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

Hex(F7EDF5) Hex(FFF2FC) Hex(F7F5ED) Hex(7D757B) Hex(BD008E) Hex(3D002E)

	Hex(F7EDF5)	Hex(FFF2FC)	Hex(F7F5ED)	Hex(7D757B)	Hex(BD008E)	Hex(3D002E)
Hex(F7EDF5)		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 14.85 Passed ⁶
Hex(FFF2FC)	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 15.64 Passed ⁶
Hex(F7F5ED)	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 4.09 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 15.54 Passed ⁶
Hex(7D757B)	Ratio: 3.91 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 4.09 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(BD008E)	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(3D002E)	Ratio: 14.85 Passed ⁶	Ratio: 15.64 Passed ⁶	Ratio: 15.54 Passed ⁶	Ratio: 3.80 AA 18pt ²	Ratio: 2.87 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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