

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FEF3FD) Hex(FFF2FE) Hex(F3FEFA) Hex(80787F) Hex(BF00AA) Hex(400039)

Hex(FEF3FD)	Ratio: 1.00 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 3.96 AA 18pt²	Ratio: 5.12 AA¹ AAA 18pt⁴	Ratio: 15.23 Passed⁶
Hex(FFF2FE)	Ratio: 1.00 Failed⁵		Ratio: 1.05 Failed⁵	Ratio: 3.95 AA 18pt²	Ratio: 5.11 AA¹ AAA 18pt⁴ Ratio: 15.18 Passed⁶
Hex(F3FEFA)	Ratio: 1.05 Failed⁵	Ratio: 1.05 Failed⁵		Ratio: 4.15 AA 18pt²	Ratio: 5.37 AA¹ AAA 18pt⁴ Ratio: 15.95 Passed⁶
Hex(80787F)	Ratio: 3.96 AA 18pt²	Ratio: 3.95 AA 18pt²	Ratio: 4.15 AA 18pt²		Ratio: 1.29 Failed⁵ Ratio: 3.85 AA 18pt²
Hex(BF00AA)	Ratio: 5.12 AA¹ AAA 18pt⁴	Ratio: 5.11 AA¹ AAA 18pt⁴	Ratio: 5.37 AA¹ AAA 18pt⁴	Ratio: 1.29 Failed⁵	Ratio: 2.97 Failed⁵
Hex(400039)	Ratio: 15.23 Passed⁶	Ratio: 15.18 Passed⁶	Ratio: 15.95 Passed⁶	Ratio: 3.85 AA 18pt²	Ratio: 2.97 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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