

Converting Colors - WCAG Matrix

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

Hex(FCF0F2) Hex(FFF0F3) Hex(F8FCF0) Hex(7D7476) Hex(BD0025) Hex(3D000C)

	Hex(FCF0F2)	Hex(FFF0F3)	Hex(F8FCF0)	Hex(7D7476)	Hex(BD0025)	Hex(3D000C)
Hex(FCF0F2)		Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 15.69 Passed ⁶
Hex(FFF0F3)	Ratio: 1.01 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 15.79 Passed ⁶
Hex(F8FCF0)	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 4.36 AA 18pt ²	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 16.76 Passed ⁶
Hex(7D7476)	Ratio: 4.08 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 4.36 AA 18pt ²		Ratio: 1.45 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(BD0025)	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D000C)	Ratio: 15.69 Passed ⁶	Ratio: 15.79 Passed ⁶	Ratio: 16.76 Passed ⁶	Ratio: 3.85 AA 18pt ²	Ratio: 2.65 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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