

Converting Colors - WCAG Matrix

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

Hex(FADAE2) Hex(FFD9E2) Hex(DAF2FA) Hex(7D7074) Hex(BD002F) Hex(3D000F)

	Hex(FADAE2)	Hex(FFD9E2)	Hex(DAF2FA)	Hex(7D7074)	Hex(BD002F)	Hex(3D000F)
Hex(FADAE2)		Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 13.43 Passed ⁶
Hex(FFD9E2)	Ratio: 1.01 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 13.50 Passed ⁶
Hex(DAF2FA)	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 4.07 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 14.98 Passed ⁶
Hex(7D7074)	Ratio: 3.65 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 4.07 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BD002F)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(3D000F)	Ratio: 13.43 Passed ⁶	Ratio: 13.50 Passed ⁶	Ratio: 14.98 Passed ⁶	Ratio: 3.68 AA 18pt ²	Ratio: 2.66 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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