

Converting Colors - WCAG Matrix

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

Hex(FAE3EC) Hex(FFE3EE) Hex(FAE5E3) Hex(7D7075) Hex(BD004A) Hex(3D0018)

	Hex(FAE3EC)	Hex(FFE3EE)	Hex(FAE5E3)	Hex(7D7075)	Hex(BD004A)	Hex(3D0018)
Hex(FAE3EC)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 14.25 Passed ⁶
Hex(FFE3EE)	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 14.42 Passed ⁶
Hex(FAE5E3)	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 14.35 Passed ⁶
Hex(7D7075)	Ratio: 3.88 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 3.91 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BD004A)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(3D0018)	Ratio: 14.25 Passed ⁶	Ratio: 14.42 Passed ⁶	Ratio: 14.35 Passed ⁶	Ratio: 3.67 AA 18pt ²	Ratio: 2.69 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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