

Converting Colors - WCAG Matrix

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

Hex(FBD5F4) Hex(FFD1F7) Hex(E1FBD5) Hex(7D707B) Hex(BD009A) Hex(3D0032)

	Hex(FBD5F4)	Hex(FFD1F7)	Hex(E1FBD5)	Hex(7D707B)	Hex(BD009A)	Hex(3D0032)
Hex(FBD5F4)		Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 12.80 Passed ⁶
Hex(FFD1F7)	Ratio: 1.01 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 12.63 Passed ⁶
Hex(E1FBD5)	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 4.24 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 15.24 Passed ⁶
Hex(7D707B)	Ratio: 3.56 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 4.24 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BD009A)	Ratio: 4.39 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(3D0032)	Ratio: 12.80 Passed ⁶	Ratio: 12.63 Passed ⁶	Ratio: 15.24 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.92 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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