

Converting Colors - WCAG Matrix

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

Hex(FAD9EA) Hex(FFD6EB) Hex(D9FAF9) Hex(7D7077) Hex(BD0061) Hex(3D0020)

	Hex(FAD9EA)	Hex(FFD6EB)	Hex(D9FAF9)	Hex(7D7077)	Hex(BD0061)	Hex(3D0020)
Hex(FAD9EA)		Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 13.27 Passed ⁶
Hex(FFD6EB)	Ratio: 1.01 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 13.18 Passed ⁶
Hex(D9FAF9)	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 15.58 Passed ⁶
Hex(7D7077)	Ratio: 3.63 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 4.26 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(BD0061)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(3D0020)	Ratio: 13.27 Passed ⁶	Ratio: 13.18 Passed ⁶	Ratio: 15.58 Passed ⁶	Ratio: 3.65 AA 18pt ²	Ratio: 2.74 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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