

Converting Colors - WCAG Matrix

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

Hex(EBD9DF) Hex(FFE8F0) Hex(D9E8EB) Hex(756A6D) Hex(B5003C) Hex(360012)

	Hex(EBD9DF)	Hex(FFE8F0)	Hex(D9E8EB)	Hex(756A6D)	Hex(B5003C)	Hex(360012)
Hex(EBD9DF)		Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 13.32 Passed ⁶
Hex(FFE8F0)	Ratio: 1.16 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 4.47 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 15.49 Passed ⁶
Hex(D9E8EB)	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 4.13 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 14.32 Passed ⁶
Hex(756A6D)	Ratio: 3.84 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 4.13 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B5003C)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(360012)	Ratio: 13.32 Passed ⁶	Ratio: 15.49 Passed ⁶	Ratio: 14.32 Passed ⁶	Ratio: 3.46 AA 18pt ²	Ratio: 2.60 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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