

Converting Colors - WCAG Matrix

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

Hex(ECDFE0) Hex(FFF0F0) Hex(ECE5DF) Hex(756D6D) Hex(B50009) Hex(360003)

	Hex(ECDFE0)	Hex(FFF0F0)	Hex(ECE5DF)	Hex(756D6D)	Hex(B50009)	Hex(360003)
Hex(ECDFE0)		Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 13.99 Passed ⁶
Hex(FFF0F0)	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 16.38 Passed ⁶
Hex(ECE5DF)	Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 14.54 Passed ⁶
Hex(756D6D)	Ratio: 3.89 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(B50009)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(360003)	Ratio: 13.99 Passed ⁶	Ratio: 16.38 Passed ⁶	Ratio: 14.54 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.56 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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