

Converting Colors - WCAG Matrix

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

Hex(EAE0E6) Hex(FFF2FA) Hex(EAE0E1) Hex(756E72) Hex(B5006D) Hex(360020)

	Hex(EAE0E6)	Hex(FFF2FA)	Hex(EAE0E1)	Hex(756E72)	Hex(B5006D)	Hex(360020)
Hex(EAE0E6)		Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 13.84 Passed ⁶
Hex(FFF2FA)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 16.41 Passed ⁶
Hex(EAE0E1)	Ratio: 1.00 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 13.80 Passed ⁶
Hex(756E72)	Ratio: 3.85 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(B5006D)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(360020)	Ratio: 13.84 Passed ⁶	Ratio: 16.41 Passed ⁶	Ratio: 13.80 Passed ⁶	Ratio: 3.59 AA 18pt ²	Ratio: 2.70 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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