

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EAE1E3) Hex(FFF5F7) Hex(EAE4E1) Hex(756F71) Hex(B50028) Hex(36000C)

Hex(EAE1E3)		Ratio: 1.20 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 3.84 AA 18pt²	Ratio: 5.47 AA¹ AAA 18pt⁴	Ratio: 14.09 Passed⁶
Hex(FFF5F7)	Ratio: 1.20 Failed⁵		Ratio: 1.18 Failed⁵	Ratio: 4.60 AA¹ AAA 18pt⁴	Ratio: 6.56 AA¹ AAA 18pt⁴	Ratio: 16.91 Passed⁶
Hex(EAE4E1)	Ratio: 1.02 Failed⁵	Ratio: 1.18 Failed⁵		Ratio: 3.91 AA 18pt²	Ratio: 5.57 AA¹ AAA 18pt⁴	Ratio: 14.35 Passed⁶
Hex(756F71)	Ratio: 3.84 AA 18pt²	Ratio: 4.60 AA¹ AAA 18pt⁴	Ratio: 3.91 AA 18pt²		Ratio: 1.43 Failed⁵	Ratio: 3.67 AA 18pt²
Hex(B50028)	Ratio: 5.47 AA¹ AAA 18pt⁴	Ratio: 6.56 AA¹ AAA 18pt⁴	Ratio: 5.57 AA¹ AAA 18pt⁴	Ratio: 1.43 Failed⁵		Ratio: 2.58 Failed⁵
Hex(36000C)	Ratio: 14.09 Passed⁶	Ratio: 16.91 Passed⁶	Ratio: 14.35 Passed⁶	Ratio: 3.67 AA 18pt²	Ratio: 2.58 Failed⁵	

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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