

Converting Colors - WCAG Matrix

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

Hex(ECD7DC) Hex(FFE3EA) Hex(D7E7EC) Hex(756A6C) Hex(B5002B) Hex(36000D)

	Hex(ECD7DC)	Hex(FFE3EA)	Hex(D7E7EC)	Hex(756A6C)	Hex(B5002B)	Hex(36000D)
Hex(ECD7DC)		Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 13.18 Passed ⁶
Hex(FFE3EA)	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 14.99 Passed ⁶
Hex(D7E7EC)	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 4.10 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 14.22 Passed ⁶
Hex(756A6C)	Ratio: 3.80 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 4.10 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B5002B)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(36000D)	Ratio: 13.18 Passed ⁶	Ratio: 14.99 Passed ⁶	Ratio: 14.22 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 2.58 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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