

Converting Colors - WCAG Matrix

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

Hex(E3D4D8) Hex(FFEBF0) Hex(D4DFE3) Hex(73676A) Hex(B30030) Hex(33000E)

	Hex(E3D4D8)	Hex(FFEBF0)	Hex(D4DFE3)	Hex(73676A)	Hex(B30030)	Hex(33000E)
Hex(E3D4D8)		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 12.79 Passed ⁶
Hex(FFEBF0)	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 16.03 Passed ⁶
Hex(D4DFE3)	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 13.48 Passed ⁶
Hex(73676A)	Ratio: 3.78 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.99 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B30030)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(33000E)	Ratio: 12.79 Passed ⁶	Ratio: 16.03 Passed ⁶	Ratio: 13.48 Passed ⁶	Ratio: 3.38 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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