

Converting Colors - WCAG Matrix

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

Hex(DBD6D6) Hex(FFF7F8) Hex(DBD8D6) Hex(6E696A) Hex(AD000D) Hex(2E0003)

	Hex(DBD6D6)	Hex(FFF7F8)	Hex(DBD8D6)	Hex(6E696A)	Hex(AD000D)	Hex(2E0003)
Hex(DBD6D6)		Ratio: 1.36 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 13.07 Passed ⁶
Hex(FFF7F8)	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 7.16 Passed ⁶	Ratio: 17.82 Passed ⁶
Hex(DBD8D6)	Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.80 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 13.25 Passed ⁶
Hex(6E696A)	Ratio: 3.75 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(AD000D)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 7.16 Passed ⁶	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(2E0003)	Ratio: 13.07 Passed ⁶	Ratio: 17.82 Passed ⁶	Ratio: 13.25 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 2.49 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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