

Converting Colors - WCAG Matrix

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

Hex(DEBABD) Hex(FFCFD3) Hex(DEC9BA) Hex(706566) Hex(B0000F) Hex(300004)

	Hex(DEBABD)	Hex(FFCFD3)	Hex(DEC9BA)	Hex(706566)	Hex(B0000F)	Hex(300004)
Hex(DEBABD)		Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 10.52 Passed ⁶
Hex(FFCFD3)	Ratio: 1.27 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 13.41 Passed ⁶
Hex(DEC9BA)	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.52 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 11.68 Passed ⁶
Hex(706566)	Ratio: 3.17 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 3.52 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(B0000F)	Ratio: 4.16 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(300004)	Ratio: 10.52 Passed ⁶	Ratio: 13.41 Passed ⁶	Ratio: 11.68 Passed ⁶	Ratio: 3.32 AA 18pt ²	Ratio: 2.53 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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