

Converting Colors - WCAG Matrix

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

Hex(D0A4AA) Hex(FFBFC8) Hex(D0B3A4) Hex(695E60) Hex(A80017) Hex(290006)

	Hex(D0A4AA)	Hex(FFBFC8)	Hex(D0B3A4)	Hex(695E60)	Hex(A80017)	Hex(290006)
Hex(D0A4AA)		Ratio: 1.41 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 8.73 Passed ⁶
Hex(FFBFC8)	Ratio: 1.41 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 12.34 Passed ⁶
Hex(D0B3A4)	Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 9.72 Passed ⁶
Hex(695E60)	Ratio: 2.84 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 3.16 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80017)	Ratio: 3.58 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290006)	Ratio: 8.73 Passed ⁶	Ratio: 12.34 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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