

Converting Colors - WCAG Matrix

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

Hex(BBABAD) Hex(F2DADD) Hex(B5BBAB) Hex(5E5556) Hex(9E0014) Hex(1F0004)

	Hex(BBABAD)	Hex(F2DADD)	Hex(B5BBAB)	Hex(5E5556)	Hex(9E0014)	Hex(1F0004)
Hex(BBABAD)		Ratio: 1.66 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 9.00 Passed ⁶
Hex(F2DADD)	Ratio: 1.66 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 14.95 Passed ⁶
Hex(B5BBAB)	Ratio: 1.12 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 10.06 Passed ⁶
Hex(5E5556)	Ratio: 3.28 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(9E0014)	Ratio: 3.87 AA 18pt ²	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(1F0004)	Ratio: 9.00 Passed ⁶	Ratio: 14.95 Passed ⁶	Ratio: 10.06 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 2.32 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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