

Converting Colors - WCAG Matrix

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

Hex(B0A5A8) Hex(E6D5DA) Hex(AEB0A5) Hex(595254) Hex(99002A) Hex(1A0007)

	Hex(B0A5A8)	Hex(E6D5DA)	Hex(AEB0A5)	Hex(595254)	Hex(99002A)	Hex(1A0007)
Hex(B0A5A8)		Ratio: 1.69 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 8.40 Passed ⁶
Hex(E6D5DA)	Ratio: 1.69 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 14.23 Passed ⁶
Hex(AEB0A5)	Ratio: 1.09 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 3.46 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 9.12 Passed ⁶
Hex(595254)	Ratio: 3.19 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(99002A)	Ratio: 3.68 AA 18pt ²	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(1A0007)	Ratio: 8.40 Passed ⁶	Ratio: 14.23 Passed ⁶	Ratio: 9.12 Passed ⁶	Ratio: 2.64 Failed ⁵	Ratio: 2.28 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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