

Converting Colors - WCAG Matrix

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

Hex(ABA9AB) Hex(DEDCE) Hex(A9ABAA) Hex(575657) Hex(960096) Hex(170017)

Hex(ABA9AB)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 8.58 Passed ⁶
Hex(DEDCE)	Ratio: 1.71 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 14.68 Passed ⁶
Hex(A9ABAA)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 8.67 Passed ⁶
Hex(575657)	Ratio: 3.13 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(960096)	Ratio: 3.29 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(170017)	Ratio: 8.58 Passed ⁶	Ratio: 14.68 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.61 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.

This PDF was generated on convertingcolors.com.