

Converting Colors - WCAG Matrix

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

Hex(872929) Hex(B08C8C) Hex(872987) Hex(594242) Hex(D9D9D9) Hex(595959)

	Hex(872929)	Hex(B08C8C)	Hex(872987)	Hex(594242)	Hex(D9D9D9)	Hex(595959)
Hex(872929)		Ratio: 2.93 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(B08C8C)	Ratio: 2.93 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(872987)	Ratio: 1.13 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(594242)	Ratio: 1.04 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(D9D9D9)	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 6.52 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.26 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	

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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