

Converting Colors - WCAG Matrix

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

Hex(81498A) Hex(AF9AB3) Hex(49528A) Hex(574A59) Hex(D9D9D9) Hex(595959)

	Hex(81498A)	Hex(AF9AB3)	Hex(49528A)	Hex(574A59)	Hex(D9D9D9)	Hex(595959)
Hex(81498A)		Ratio: 2.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(AF9AB3)	Ratio: 2.49 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(49528A)	Ratio: 1.14 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(574A59)	Ratio: 1.29 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(D9D9D9)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.84 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.09 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.19 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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