

Converting Colors - WCAG Matrix

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

Hex(874969) Hex(B097A4) Hex(674987) Hex(594A52) Hex(D9D9D9) Hex(595959)

	Hex(874969)	Hex(B097A4)	Hex(674987)	Hex(594A52)	Hex(D9D9D9)	Hex(595959)
Hex(874969)		Ratio: 2.45 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B097A4)	Ratio: 2.45 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(674987)	Ratio: 1.11 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(594A52)	Ratio: 1.26 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(D9D9D9)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.06 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.04 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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