

Converting Colors - WCAG Matrix

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

Hex(91005E) Hex(BD84A9) Hex(330091) Hex(5E3C52) Hex(DEDEDE) Hex(5E5E5E)

	Hex(91005E)	Hex(BD84A9)	Hex(330091)	Hex(5E3C52)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(91005E)		Ratio: 2.97 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵
Hex(BD84A9)	Ratio: 2.97 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.14 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(330091)	Ratio: 1.53 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 10.07 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(5E3C52)	Ratio: 1.05 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵
Hex(DEDEDE)	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 10.07 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.37 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.82 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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