

Converting Colors - WCAG Matrix

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

Hex(910033) Hex(BD8498) Hex(5C0091) Hex(5E3C48) Hex(DEDEDE) Hex(5E5E5E)

	Hex(910033)	Hex(BD8498)	Hex(5C0091)	Hex(5E3C48)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(910033)		Ratio: 3.07 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵
Hex(BD8498)	Ratio: 3.07 AA 18pt ²		Ratio: 3.71 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(5C0091)	Ratio: 1.21 Failed ⁵	Ratio: 3.71 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 8.37 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(5E3C48)	Ratio: 1.02 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 7.04 Passed ⁶	Ratio: 1.46 Failed ⁵
Hex(DEDEDE)	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 8.37 Passed ⁶	Ratio: 7.04 Passed ⁶		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.44 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.46 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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