

Converting Colors - WCAG Matrix

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

Hex(833584) Hex(AA8CAB) Hex(353684) Hex(564457) Hex(D6D6D6) Hex(575757)

	Hex(833584)	Hex(AA8CAB)	Hex(353684)	Hex(564457)	Hex(D6D6D6)	Hex(575757)
Hex(833584)		Ratio: 2.51 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(AA8CAB)	Ratio: 2.51 Failed ⁵		Ratio: 3.50 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(353684)	Ratio: 1.40 Failed ⁵	Ratio: 3.50 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 1.44 Failed ⁵
Hex(564457)	Ratio: 1.19 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(D6D6D6)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 6.12 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.04 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.97 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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