

Converting Colors - WCAG Matrix

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

Hex(A8008C) Hex(DB9AD0) Hex(1C00A8) Hex(6E4667) Hex(EDEDED) Hex(6E6E6E)

	Hex(A8008C)	Hex(DB9AD0)	Hex(1C00A8)	Hex(6E4667)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A8008C)		Ratio: 3.14 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(DB9AD0)	Ratio: 3.14 AA 18pt ²		Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(1C00A8)	Ratio: 1.88 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴		Ratio: 1.69 Failed ⁵	Ratio: 11.11 Passed ⁶	Ratio: 2.55 Failed ⁵
Hex(6E4667)	Ratio: 1.11 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.69 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.51 Failed ⁵
Hex(EDEDED)	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 11.11 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.35 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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