

Converting Colors - WCAG Matrix

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

Hex(8D4475) Hex(B89AAE) Hex(5B448D) Hex(5C4A56) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8D4475)	Hex(B89AAE)	Hex(5B448D)	Hex(5C4A56)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8D4475)		Ratio: 2.57 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(B89AAE)	Ratio: 2.57 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(5B448D)	Ratio: 1.21 Failed ⁵	Ratio: 3.11 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(5C4A56)	Ratio: 1.25 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(DBDBDB)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.83 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 5.90 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.83 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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