

Converting Colors - WCAG Matrix

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

Hex(8C2A46) Hex(B8919C) Hex(6F2A8C) Hex(5C454B) Hex(DBDBDB) Hex(5C5C5C)

	Hex(8C2A46)	Hex(B8919C)	Hex(6F2A8C)	Hex(5C454B)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(8C2A46)		Ratio: 2.99 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(B8919C)	Ratio: 2.99 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(6F2A8C)	Ratio: 1.06 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(5C454B)	Ratio: 1.05 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(DBDBDB)	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.24 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.30 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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