

Converting Colors - WCAG Matrix

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

Hex(76578D) Hex(AFA3B8) Hex(576E8D) Hex(57505C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(76578D)	Hex(AFA3B8)	Hex(576E8D)	Hex(57505C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(76578D)		Ratio: 2.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.12 Failed ⁵
Hex(AFA3B8)	Ratio: 2.49 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(576E8D)	Ratio: 1.14 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(57505C)	Ratio: 1.30 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.49 Failed ⁵		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(DBDBDB)	Ratio: 4.31 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴		Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.12 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 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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