

Converting Colors - WCAG Matrix

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

Hex(6A4A7D) Hex(9C90A3) Hex(4A5D7D) Hex(4D4652) Hex(D1D1D1) Hex(525252)

	Hex(6A4A7D)	Hex(9C90A3)	Hex(4A5D7D)	Hex(4D4652)	Hex(D1D1D1)	Hex(525252)
Hex(6A4A7D)		Ratio: 2.40 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(9C90A3)	Ratio: 2.40 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(4A5D7D)	Ratio: 1.09 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(4D4652)	Ratio: 1.25 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(D1D1D1)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.07 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.12 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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