

Converting Colors - WCAG Matrix

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

Hex(91458F) Hex(BD9FBC) Hex(484591) Hex(5E4C5E) Hex(DEDEDE) Hex(5E5E5E)

	Hex(91458F)	Hex(BD9FBC)	Hex(484591)	Hex(5E4C5E)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(91458F)		Ratio: 2.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(BD9FBC)	Ratio: 2.56 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(484591)	Ratio: 1.36 Failed ⁵	Ratio: 3.49 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(5E4C5E)	Ratio: 1.29 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(DEDEDE)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.76 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.07 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.82 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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