

Converting Colors - WCAG Matrix

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

Hex(3A15A9) Hex(B1A2DB) Hex(1584A9) Hex(544C6E) Hex(EDEDED) Hex(6E6E6E)

	Hex(3A15A9)	Hex(B1A2DB)	Hex(1584A9)	Hex(544C6E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(3A15A9)		Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 9.64 Passed ⁶	Ratio: 2.21 Failed ⁵
Hex(B1A2DB)	Ratio: 4.87 AA ¹ AAA 18pt ⁴		Ratio: 1.85 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(1584A9)	Ratio: 2.64 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(544C6E)	Ratio: 1.42 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.86 Failed ⁵		Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 1.56 Failed ⁵
Hex(EDEDED)	Ratio: 9.64 Passed ⁶	Ratio: 1.98 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 6.81 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 2.21 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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