

Converting Colors - WCAG Matrix

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

Hex(613961) Hex(7D6E7D) Hex(393961) Hex(403740) Hex(BFBFBF) Hex(404040)

	Hex(613961)	Hex(7D6E7D)	Hex(393961)	Hex(403740)	Hex(BFBFBF)	Hex(404040)
Hex(613961)		Ratio: 1.94 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(7D6E7D)	Ratio: 1.94 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(393961)	Ratio: 1.17 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(403740)	Ratio: 1.23 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(BFBFBF)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 6.21 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.12 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.64 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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