

Converting Colors - WCAG Matrix

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

Hex(614333) Hex(7D726B) Hex(613351) Hex(403935) Hex(BFBFBF) Hex(404040)

	Hex(614333)	Hex(7D726B)	Hex(613351)	Hex(403935)	Hex(BFBFBF)	Hex(404040)
Hex(614333)		Ratio: 1.90 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(7D726B)	Ratio: 1.90 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(613351)	Ratio: 1.12 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(403935)	Ratio: 1.27 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(BFBFBF)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 2.54 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.16 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.09 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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