

Converting Colors - WCAG Matrix

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

Hex(59613A) Hex(7A7D6E) Hex(61423A) Hex(3E4037) Hex(BFBFBF) Hex(404040)

	Hex(59613A)	Hex(7A7D6E)	Hex(61423A)	Hex(3E4037)	Hex(BFBFBF)	Hex(404040)
Hex(59613A)		Ratio: 1.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(7A7D6E)	Ratio: 1.56 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(61423A)	Ratio: 1.36 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(3E4037)	Ratio: 1.60 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(BFBFBF)	Ratio: 3.57 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 5.73 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.58 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 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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