

Converting Colors - WCAG Matrix

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

Hex(63584C) Hex(807B77) Hex(634C57) Hex(403D3B) Hex(BFBFBF) Hex(404040)

	Hex(63584C)	Hex(807B77)	Hex(634C57)	Hex(403D3B)	Hex(BFBFBF)	Hex(404040)
Hex(63584C)		Ratio: 1.66 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(807B77)	Ratio: 1.66 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(634C57)	Ratio: 1.12 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(403D3B)	Ratio: 1.56 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BFBFBF)	Ratio: 3.77 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.50 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.04 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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