

Converting Colors - WCAG Matrix

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

Hex(5F5D62) Hex(7E7D80) Hex(5D6162) Hex(3F3E40) Hex(BFBFBF) Hex(404040)

	Hex(5F5D62)	Hex(7E7D80)	Hex(5D6162)	Hex(3F3E40)	Hex(BFBFBF)	Hex(404040)
Hex(5F5D62)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.59 Failed ⁵
Hex(7E7D80)	Ratio: 1.59 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(5D6162)	Ratio: 1.04 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.65 Failed ⁵
Hex(3F3E40)	Ratio: 1.64 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BFBFBF)	Ratio: 3.54 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.59 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.03 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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