

Converting Colors - WCAG Matrix

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

Hex(55354D) Hex(6E626B) Hex(3D3555) Hex(383136) Hex(B8B8B8) Hex(383838)

	Hex(55354D)	Hex(6E626B)	Hex(3D3555)	Hex(383136)	Hex(B8B8B8)	Hex(383838)
Hex(55354D)		Ratio: 1.81 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(6E626B)	Ratio: 1.81 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(3D3555)	Ratio: 1.09 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(383136)	Ratio: 1.21 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(B8B8B8)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.12 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.91 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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