

Converting Colors - WCAG Matrix

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

Hex(4B3E5C) Hex(716C78) Hex(3E4F5C) Hex(39363D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(4B3E5C)	Hex(716C78)	Hex(3E4F5C)	Hex(39363D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(4B3E5C)		Ratio: 1.92 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(716C78)	Ratio: 1.92 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(3E4F5C)	Ratio: 1.16 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(39363D)	Ratio: 1.21 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(BDBDBD)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.71 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.11 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.78 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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