

Converting Colors - WCAG Matrix

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

Hex(4A4F5C) Hex(717378) Hex(4A5C57) Hex(393A3D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(4A4F5C)	Hex(717378)	Hex(4A5C57)	Hex(393A3D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(4A4F5C)		Ratio: 1.73 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(717378)	Ratio: 1.73 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(4A5C57)	Ratio: 1.15 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(393A3D)	Ratio: 1.39 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(BDBDBD)	Ratio: 4.36 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.33 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.05 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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