

Converting Colors - WCAG Matrix

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

Hex(563D5C) Hex(766C78) Hex(3D435C) Hex(3C363D) Hex(BDBDBD) Hex(3D3D3D)

	Hex(563D5C)	Hex(766C78)	Hex(3D435C)	Hex(3C363D)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(563D5C)		Ratio: 1.89 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(766C78)	Ratio: 1.89 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(3D435C)	Ratio: 1.03 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(3C363D)	Ratio: 1.24 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(BDBDBD)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 2.67 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.15 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 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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