

Converting Colors - WCAG Matrix

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

Hex(3D6375) Hex(849299) Hex(3D754F) Hex(3F484D) Hex(CCCCCC) Hex(4D4D4D)

	Hex(3D6375)	Hex(849299)	Hex(3D754F)	Hex(3F484D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(3D6375)		Ratio: 2.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.30 Failed ⁵
Hex(849299)	Ratio: 2.02 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(3D754F)	Ratio: 1.19 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(3F484D)	Ratio: 1.44 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(CCCCCC)	Ratio: 4.04 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 5.82 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.30 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.26 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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