

Converting Colors - WCAG Matrix

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

Hex(4F3074) Hex(887B96) Hex(305574) Hex(433C4D) Hex(CCCCCC) Hex(4D4D4D)

	Hex(4F3074)	Hex(887B96)	Hex(305574)	Hex(433C4D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(4F3074)		Ratio: 2.65 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(887B96)	Ratio: 2.65 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(305574)	Ratio: 1.33 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(433C4D)	Ratio: 1.01 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(CCCCCC)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.24 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.25 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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