

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4A4D76) Hex(888999) Hex(4A7673) Hex(43434D) Hex(CCCCCC) Hex(4D4D4D)

Hex(4A4D76)		Ratio: 2.33 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 5.00 AA¹ AAA 18pt⁴	Ratio: 1.05 Failed⁵
Hex(888999)	Ratio: 2.33 Failed⁵		Ratio: 1.47 Failed⁵	Ratio: 2.83 Failed⁵	Ratio: 2.15 Failed⁵	Ratio: 2.45 Failed⁵
Hex(4A7673)	Ratio: 1.58 Failed⁵	Ratio: 1.47 Failed⁵		Ratio: 1.92 Failed⁵	Ratio: 3.17 AA 18pt²	Ratio: 1.66 Failed⁵
Hex(43434D)	Ratio: 1.22 Failed⁵	Ratio: 2.83 Failed⁵	Ratio: 1.92 Failed⁵		Ratio: 6.09 AA¹ AAA 18pt⁴	Ratio: 1.16 Failed⁵
Hex(CCCCCC)	Ratio: 5.00 AA¹ AAA 18pt⁴	Ratio: 2.15 Failed⁵	Ratio: 3.17 AA 18pt²	Ratio: 6.09 AA¹ AAA 18pt⁴		Ratio: 5.26 AA¹ AAA 18pt⁴
Hex(4D4D4D)	Ratio: 1.05 Failed⁵	Ratio: 2.45 Failed⁵	Ratio: 1.66 Failed⁵	Ratio: 1.16 Failed⁵	Ratio: 5.26 AA¹ AAA 18pt⁴	

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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