

Converting Colors - WCAG Matrix

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

Hex(787472) Hex(9C9998) Hex(787276) Hex(4F4E4D) Hex(CFCFCF) Hex(4F4F4F)

Hex(787472)		Ratio: 1.64 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(9C9998)	Ratio: 1.64 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(787276)	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(4F4E4D)	Ratio: 1.79 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 5.33 AA ¹
Hex(CFCFCF)	Ratio: 2.97 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 5.33 AA ¹	Ratio: 5.26 AA ¹
Hex(4F4F4F)	Ratio: 1.77 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.26 AA ¹

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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