

Converting Colors - WCAG Matrix

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

	Hex(5C4C51)	Hex(5C5557)	Hex(5C5E5E)	Hex(5C6864)	Hex(5C716A)	Hex(5C7A71)	Hex(5C8377)	Hex(5C8C7D)	Hex(5C9684)	Hex(5C9F8A)
Hex(5C4C51)		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(5C5557)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(5C5E5E)	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(5C6864)	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(5C716A)	Ratio: 1.54 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(5C7A71)	Ratio: 1.72 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(5C8377)	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(5C8C7D)	Ratio: 2.11 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(5C9684)	Ratio: 2.36 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(5C9F8A)	Ratio: 2.60 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵	

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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