

Converting Colors - WCAG Matrix

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

Hex(524663) Hex(797480) Hex(465863) Hex(3B3940) Hex(BFBFBF) Hex(404040)

	Hex(524663)	Hex(797480)	Hex(465863)	Hex(3B3940)	Hex(BFBFBF)	Hex(404040)
Hex(524663)		Ratio: 1.91 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(797480)	Ratio: 1.91 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(465863)	Ratio: 1.17 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(3B3940)	Ratio: 1.31 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(BFBFBF)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.19 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.64 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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