

Converting Colors - WCAG Matrix

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

Hex(524B4C) Hex(6B6062) Hex(4B524D) Hex(292525) Hex(69000F) Hex(E80021)

	Hex(524B4C)	Hex(6B6062)	Hex(4B524D)	Hex(292525)	Hex(69000F)	Hex(E80021)
Hex(524B4C)		Ratio: 1.41 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(6B6062)	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(4B524D)	Ratio: 1.06 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(292525)	Ratio: 1.78 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(69000F)	Ratio: 1.54 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(E80021)	Ratio: 1.80 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.77 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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