

Converting Colors - WCAG Matrix

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

Hex(594B4B) Hex(735C5C) Hex(59524B) Hex(2B2727) Hex(6B0001) Hex(EB0001)

	Hex(594B4B)	Hex(735C5C)	Hex(59524B)	Hex(2B2727)	Hex(6B0001)	Hex(EB0001)
Hex(594B4B)		Ratio: 1.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(735C5C)	Ratio: 1.35 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(59524B)	Ratio: 1.08 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(2B2727)	Ratio: 1.78 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0001)	Ratio: 1.56 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0001)	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.79 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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