

Converting Colors - WCAG Matrix

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

Hex(59292C) Hex(73282D) Hex(29593E) Hex(2B2727) Hex(6B0007) Hex(EB0010)

	Hex(59292C)	Hex(73282D)	Hex(29593E)	Hex(2B2727)	Hex(6B0007)	Hex(EB0010)
Hex(59292C)		Ratio: 1.16 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(73282D)	Ratio: 1.16 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(29593E)	Ratio: 1.46 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(2B2727)	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0007)	Ratio: 1.09 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0010)	Ratio: 2.55 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.75 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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