

Converting Colors - WCAG Matrix

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

Hex(592327) Hex(731F25) Hex(593A23) Hex(2B2727) Hex(6B0008) Hex(EB0011)

	Hex(592327)	Hex(731F25)	Hex(593A23)	Hex(2B2727)	Hex(6B0008)	Hex(EB0011)
Hex(592327)		Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(731F25)	Ratio: 1.15 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(593A23)	Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(2B2727)	Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0008)	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0011)	Ratio: 2.68 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.21 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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