

Converting Colors - WCAG Matrix

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

Hex(580101) Hex(730000) Hex(012E58) Hex(2B2727) Hex(6B0000) Hex(EB0000)

	Hex(580101)	Hex(730000)	Hex(012E58)	Hex(2B2727)	Hex(6B0000)	Hex(EB0000)
Hex(580101)		Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(730000)	Ratio: 1.22 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(012E58)	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(2B2727)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0000)	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0000)	Ratio: 3.19 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.96 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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