

Converting Colors - WCAG Matrix

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

Hex(632603) Hex(823000) Hex(635703) Hex(33302E) Hex(732900) Hex(F25900)

	Hex(632603)	Hex(823000)	Hex(635703)	Hex(33302E)	Hex(732900)	Hex(F25900)
Hex(632603)		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(823000)	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(635703)	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(33302E)	Ratio: 1.13 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(732900)	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.03 AA 18pt ²
Hex(F25900)	Ratio: 3.43 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 3.03 AA 18pt ²	

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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