

Converting Colors - WCAG Matrix

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

Hex(662C4A) Hex(852A59) Hex(66642C) Hex(332E31) Hex(73003B) Hex(F2007D)

	Hex(662C4A)	Hex(852A59)	Hex(66642C)	Hex(332E31)	Hex(73003B)	Hex(F2007D)
Hex(662C4A)		Ratio: 1.22 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(852A59)	Ratio: 1.22 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(66642C)	Ratio: 1.69 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(332E31)	Ratio: 1.28 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(73003B)	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(F2007D)	Ratio: 2.51 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.83 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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