

Converting Colors - WCAG Matrix

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

Hex(62443A) Hex(805141) Hex(62583A) Hex(302D2C) Hex(701C00) Hex(F03C00)

	Hex(62443A)	Hex(805141)	Hex(62583A)	Hex(302D2C)	Hex(701C00)	Hex(F03C00)
Hex(62443A)		Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(805141)	Ratio: 1.32 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(62583A)	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(302D2C)	Ratio: 1.57 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(701C00)	Ratio: 1.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(F03C00)	Ratio: 2.22 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.88 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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