

Converting Colors - WCAG Matrix

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

	Hex(FAEADE)	Hex(FADCC5)	Hex(FACDAC)	Hex(FABF93)	Hex(FAB17A)	Hex(FAA361)	Hex(FA9448)	Hex(FA862F)	Hex(FA7816)	Hex(FA6B00)
Hex(FAEADE)		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(FADCC5)	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(FACDAC)	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(FABF93)	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(FAB17A)	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FAA361)	Ratio: 1.71 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FA9448)	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FA862F)	Ratio: 2.10 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FA7816)	Ratio: 2.30 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FA6B00)	Ratio: 2.50 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 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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