

Converting Colors - WCAG Matrix

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

Hex(F73E2D) Hex(FF1A05) Hex(F7A32D) Hex(7D7270) Hex(BD1000) Hex(3D0500)

	Hex(F73E2D)	Hex(FF1A05)	Hex(F7A32D)	Hex(7D7270)	Hex(BD1000)	Hex(3D0500)
Hex(F73E2D)		Ratio: 1.05 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(FF1A05)	Ratio: 1.05 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.43 AA 18pt ²
Hex(F7A32D)	Ratio: 1.80 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 8.39 Passed ⁶
Hex(7D7270)	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(BD1000)	Ratio: 1.75 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3D0500)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²	Ratio: 8.39 Passed ⁶	Ratio: 3.70 AA 18pt ²	Ratio: 2.65 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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