

Converting Colors - WCAG Matrix

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

Hex(614F29) Hex(7D7569) Hex(61293D) Hex(403D33) Hex(BFBFBF) Hex(404040)

	Hex(614F29)	Hex(7D7569)	Hex(61293D)	Hex(403D33)	Hex(BFBFBF)	Hex(404040)
Hex(614F29)		Ratio: 1.74 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(7D7569)	Ratio: 1.74 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(61293D)	Ratio: 1.40 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(403D33)	Ratio: 1.38 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(BFBFBF)	Ratio: 4.30 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 5.91 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.31 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	

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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