

Converting Colors - WCAG Matrix

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

Hex(60321A) Hex(7D6B61) Hex(601A49) Hex(40352F) Hex(BFBFBF) Hex(404040)

	Hex(60321A)	Hex(7D6B61)	Hex(601A49)	Hex(40352F)	Hex(BFBFBF)	Hex(404040)
Hex(60321A)		Ratio: 2.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(7D6B61)	Ratio: 2.11 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(601A49)	Ratio: 1.13 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(40352F)	Ratio: 1.11 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(BFBFBF)	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 6.46 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.03 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.15 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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