

Converting Colors - WCAG Matrix

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

Hex(631C0D) Hex(80645E) Hex(630D55) Hex(402F2C) Hex(BFBFBF) Hex(404040)

	Hex(631C0D)	Hex(80645E)	Hex(630D55)	Hex(402F2C)	Hex(BFBFBF)	Hex(404040)
Hex(631C0D)		Ratio: 2.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(80645E)	Ratio: 2.29 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(630D55)	Ratio: 1.01 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(402F2C)	Ratio: 1.02 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(BFBFBF)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.19 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 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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