

Converting Colors - WCAG Matrix

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

Hex(624D0A) Hex(80775D) Hex(620A20) Hex(403B2B) Hex(BFBFBF) Hex(404040)

	Hex(624D0A)	Hex(80775D)	Hex(620A20)	Hex(403B2B)	Hex(BFBFBF)	Hex(404040)
Hex(624D0A)		Ratio: 1.82 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(80775D)	Ratio: 1.82 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(620A20)	Ratio: 1.63 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 7.21 Passed ⁶	Ratio: 1.28 Failed ⁵
Hex(403B2B)	Ratio: 1.38 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(BFBFBF)	Ratio: 4.42 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 7.21 Passed ⁶	Ratio: 6.08 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(404040)	Ratio: 1.28 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.08 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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