

Converting Colors - WCAG Matrix

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

Hex(6D3C42) Hex(8F7B7D) Hex(663C6D) Hex(473B3D) Hex(C7C7C7) Hex(474747)

	Hex(6D3C42)	Hex(8F7B7D)	Hex(663C6D)	Hex(473B3D)	Hex(C7C7C7)	Hex(474747)
Hex(6D3C42)		Ratio: 2.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(8F7B7D)	Ratio: 2.23 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(663C6D)	Ratio: 1.02 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(473B3D)	Ratio: 1.21 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(C7C7C7)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.05 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.50 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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