

Converting Colors - WCAG Matrix

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

Hex(674137) Hex(877874) Hex(67375D) Hex(453C39) Hex(C4C4C4) Hex(454545)

	Hex(674137)	Hex(877874)	Hex(67375D)	Hex(453C39)	Hex(C4C4C4)	Hex(454545)
Hex(674137)		Ratio: 2.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(877874)	Ratio: 2.08 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(67375D)	Ratio: 1.05 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(453C39)	Ratio: 1.22 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(C4C4C4)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 2.42 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.09 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.12 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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