

Converting Colors - WCAG Matrix

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

Hex(635C60) Hex(80757B) Hex(5D635C) Hex(302C2E) Hex(700040) Hex(F00089)

	Hex(635C60)	Hex(80757B)	Hex(5D635C)	Hex(302C2E)	Hex(700040)	Hex(F00089)
Hex(635C60)		Ratio: 1.47 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(80757B)	Ratio: 1.47 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(5D635C)	Ratio: 1.05 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(302C2E)	Ratio: 2.12 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(700040)	Ratio: 1.83 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(F00089)	Ratio: 1.57 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.87 Failed ⁵	

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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