

Converting Colors - WCAG Matrix

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

Hex(635A60) Hex(82727D) Hex(63625A) Hex(332E31) Hex(73004C) Hex(F200A1)

	Hex(635A60)	Hex(82727D)	Hex(63625A)	Hex(332E31)	Hex(73004C)	Hex(F200A1)
Hex(635A60)		Ratio: 1.47 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(82727D)	Ratio: 1.47 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(63625A)	Ratio: 1.08 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(332E31)	Ratio: 2.01 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(73004C)	Ratio: 1.72 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(F200A1)	Ratio: 1.67 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.89 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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