

Converting Colors - WCAG Matrix

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

Hex(63525C) Hex(806574) Hex(636152) Hex(302C2E) Hex(700042) Hex(F0008D)

	Hex(63525C)	Hex(806574)	Hex(636152)	Hex(302C2E)	Hex(700042)	Hex(F0008D)
Hex(63525C)		Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(806574)	Ratio: 1.39 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(636152)	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(302C2E)	Ratio: 1.90 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(700042)	Ratio: 1.64 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.88 Failed ⁵
Hex(F0008D)	Ratio: 1.76 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.88 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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