

Converting Colors - WCAG Matrix

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

Hex(666266) Hex(857E85) Hex(666462) Hex(333033) Hex(730073) Hex(F200F2)

	Hex(666266)	Hex(857E85)	Hex(666462)	Hex(333033)	Hex(730073)	Hex(F200F2)
Hex(666266)		Ratio: 1.52 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(857E85)	Ratio: 1.52 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(666462)	Ratio: 1.02 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(333033)	Ratio: 2.17 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(730073)	Ratio: 1.77 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(F200F2)	Ratio: 1.73 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 3.06 AA 18pt ²	

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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