

Converting Colors - WCAG Matrix

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

Hex(69626C) Hex(887D8C) Hex(6C626A) Hex(343036) Hex(520075) Hex(AB00F5)

	Hex(69626C)	Hex(887D8C)	Hex(6C626A)	Hex(343036)	Hex(520075)	Hex(AB00F5)
Hex(69626C)		Ratio: 1.50 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(887D8C)	Ratio: 1.50 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(6C626A)	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(343036)	Ratio: 2.20 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(520075)	Ratio: 2.21 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(AB00F5)	Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.51 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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