

Converting Colors - WCAG Matrix

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

Hex(9C4F9C) Hex(CCADCC) Hex(4F4F9C) Hex(665466) Hex(E6E6E6) Hex(666666)

	Hex(9C4F9C)	Hex(CCADCC)	Hex(4F4F9C)	Hex(665466)	Hex(E6E6E6)	Hex(666666)
Hex(9C4F9C)		Ratio: 2.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(CCADCC)	Ratio: 2.60 Failed ⁵		Ratio: 3.55 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(4F4F9C)	Ratio: 1.37 Failed ⁵	Ratio: 3.55 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(665466)	Ratio: 1.33 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(E6E6E6)	Ratio: 4.19 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.10 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	

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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