

Converting Colors - WCAG Matrix

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

Hex(615178) Hex(928C9C) Hex(516878) Hex(49464F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(615178)	Hex(928C9C)	Hex(516878)	Hex(49464F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(615178)		Ratio: 2.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(928C9C)	Ratio: 2.18 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(516878)	Ratio: 1.22 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(49464F)	Ratio: 1.30 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(CFCFCF)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 5.93 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.15 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.26 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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