

Converting Colors - WCAG Matrix

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

Hex(322467) Hex(706A85) Hex(245A67) Hex(363242) Hex(C2C2C2) Hex(424242)

	Hex(322467)	Hex(706A85)	Hex(245A67)	Hex(363242)	Hex(C2C2C2)	Hex(424242)
Hex(322467)		Ratio: 2.58 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 7.44 Passed ⁶	Ratio: 1.32 Failed ⁵
Hex(706A85)	Ratio: 2.58 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(245A67)	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(363242)	Ratio: 1.07 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(C2C2C2)	Ratio: 7.44 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 6.97 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.32 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.64 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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