

Converting Colors - WCAG Matrix

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

Hex(392101) Hex(4A4135) Hex(390119) Hex(262119) Hex(A6A6A6) Hex(262626)

	Hex(392101)	Hex(4A4135)	Hex(390119)	Hex(262119)	Hex(A6A6A6)	Hex(262626)
Hex(392101)		Ratio: 1.51 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(4A4135)	Ratio: 1.51 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(390119)	Ratio: 1.17 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 7.23 Passed ⁶	Ratio: 1.16 Failed ⁵
Hex(262119)	Ratio: 1.06 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(A6A6A6)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 7.23 Passed ⁶	Ratio: 6.57 AA ¹ AAA 18pt ⁴		Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(262626)	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.22 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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