

Converting Colors - WCAG Matrix

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

Hex(113500) Hex(374530) Hex(352300) Hex(1B2417) Hex(A3A3A3) Hex(242424)

	Hex(113500)	Hex(374530)	Hex(352300)	Hex(1B2417)	Hex(A3A3A3)	Hex(242424)
Hex(113500)		Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(374530)	Ratio: 1.34 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(352300)	Ratio: 1.10 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(1B2417)	Ratio: 1.17 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(A3A3A3)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.13 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.15 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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