

Converting Colors - WCAG Matrix

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

Hex(351200) Hex(453730) Hex(350023) Hex(241B17) Hex(A3A3A3) Hex(242424)

	Hex(351200)	Hex(453730)	Hex(350023)	Hex(241B17)	Hex(A3A3A3)	Hex(242424)
Hex(351200)		Ratio: 1.49 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(453730)	Ratio: 1.49 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(350023)	Ratio: 1.05 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 7.08 Passed ⁶	Ratio: 1.15 Failed ⁵
Hex(241B17)	Ratio: 1.01 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(A3A3A3)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶	Ratio: 6.69 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.09 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 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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