

Converting Colors - WCAG Matrix

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

Hex(38373D) Hex(4D4D4F) Hex(373C3D) Hex(272729) Hex(A8A8A8) Hex(292929)

	Hex(38373D)	Hex(4D4D4F)	Hex(373C3D)	Hex(272729)	Hex(A8A8A8)	Hex(292929)
Hex(38373D)		Ratio: 1.40 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(4D4D4F)	Ratio: 1.40 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.73 Failed ⁵
Hex(373C3D)	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(272729)	Ratio: 1.27 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A8A8A8)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.23 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.12 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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