

Converting Colors - WCAG Matrix

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

Hex(3C3A3F) Hex(515052) Hex(3A3D3F) Hex(282829) Hex(A8A8A8) Hex(292929)

	Hex(3C3A3F)	Hex(515052)	Hex(3A3D3F)	Hex(282829)	Hex(A8A8A8)	Hex(292929)
Hex(3C3A3F)		Ratio: 1.40 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(515052)	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.81 Failed ⁵
Hex(3A3D3F)	Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(282829)	Ratio: 1.31 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(A8A8A8)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.29 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.01 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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