

Converting Colors - WCAG Matrix

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

Hex(3D4A3D) Hex(5C615C) Hex(4A4A3D) Hex(2E302E) Hex(B0B0B0) Hex(303030)

	Hex(3D4A3D)	Hex(5C615C)	Hex(4A4A3D)	Hex(2E302E)	Hex(B0B0B0)	Hex(303030)
Hex(3D4A3D)		Ratio: 1.48 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.41 Failed ⁵
Hex(5C615C)	Ratio: 1.48 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(4A4A3D)	Ratio: 1.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(2E302E)	Ratio: 1.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B0B0B0)	Ratio: 4.31 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 6.13 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.41 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.09 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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