

Converting Colors - WCAG Matrix

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

Hex(5B5D4B) Hex(797A73) Hex(5D4E4B) Hex(3D3D39) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5B5D4B)	Hex(797A73)	Hex(5D4E4B)	Hex(3D3D39)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5B5D4B)		Ratio: 1.56 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(797A73)	Ratio: 1.56 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(5D4E4B)	Ratio: 1.17 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(3D3D39)	Ratio: 1.62 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(BDBDBD)	Ratio: 3.59 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.61 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.78 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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