

Converting Colors - WCAG Matrix

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

Hex(5F4F42) Hex(7A746F) Hex(5F4252) Hex(3D3936) Hex(BDBDBD) Hex(3D3D3D)

	Hex(5F4F42)	Hex(7A746F)	Hex(5F4252)	Hex(3D3936)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(5F4F42)		Ratio: 1.70 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(7A746F)	Ratio: 1.70 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(5F4252)	Ratio: 1.12 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(3D3936)	Ratio: 1.46 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(BDBDBD)	Ratio: 4.17 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.39 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.05 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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