

Converting Colors - WCAG Matrix

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

Hex(3C5F3A) Hex(6D7A6C) Hex(5F5D3A) Hex(353D35) Hex(BDBDBD) Hex(3D3D3D)

	Hex(3C5F3A)	Hex(6D7A6C)	Hex(5F5D3A)	Hex(353D35)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(3C5F3A)		Ratio: 1.61 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(6D7A6C)	Ratio: 1.61 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(5F5D3A)	Ratio: 1.08 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(353D35)	Ratio: 1.55 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BDBDBD)	Ratio: 3.87 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.49 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.03 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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