

Converting Colors - WCAG Matrix

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

Hex(3E5D00) Hex(6C7854) Hex(5D1F00) Hex(363D27) Hex(BDBDBD) Hex(3D3D3D)

	Hex(3E5D00)	Hex(6C7854)	Hex(5D1F00)	Hex(363D27)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(3E5D00)		Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(6C7854)	Ratio: 1.61 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(5D1F00)	Ratio: 1.67 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(363D27)	Ratio: 1.49 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BDBDBD)	Ratio: 4.03 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.43 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 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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