

Converting Colors - WCAG Matrix

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

Hex(445D11) Hex(6E785A) Hex(5D2911) Hex(373D2B) Hex(BDBDBD) Hex(3D3D3D)

	Hex(445D11)	Hex(6E785A)	Hex(5D2911)	Hex(373D2B)	Hex(BDBDBD)	Hex(3D3D3D)
Hex(445D11)		Ratio: 1.59 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(6E785A)	Ratio: 1.59 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(5D2911)	Ratio: 1.57 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(373D2B)	Ratio: 1.51 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(BDBDBD)	Ratio: 3.96 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 5.99 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.46 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.08 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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