

Converting Colors - WCAG Matrix

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

Hex(5F410A) Hex(7A6F59) Hex(5F0A27) Hex(3D362A) Hex(BDBDBD) Hex(3D3D3D)

Hex(5F410A)		Ratio: 1.89 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(7A6F59)	Ratio: 1.89 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(5F0A27)	Ratio: 1.44 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 7.17 Passed ⁶	Ratio: 1.24 Failed ⁵
Hex(3D362A)	Ratio: 1.28 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(BDBDBD)	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.63 Failed ⁵	Ratio: 7.17 Passed ⁶	Ratio: 6.35 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(3D3D3D)	Ratio: 1.16 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 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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